ROADTEC SB-2500B SHUTTLE BUGGY MATERIAL TRANSFER VEHICLE



P.N. 120489-AK
S/N. 628 - 639
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ROADTEC

HOW TO ORDER PARTS

THE ROADTEC PARTS DEPARTMENT NEEDS THE FOLLOWING INFORMATION TO PROCESS YOUR ORDER PROPERLY AND ACCURATELY.

1. YOUR COMPANY'S NAME AND PURCHASE ORDER NUMBER.
2. NAME AND ADDRESS OF PERSON OR PLACE TO WHOM PARTS ARE TO BE SHIPPED.
3. METHOD OF SHIPMENT. (MOTOR FREIGHT, UPS, AIR, ETC...)
4. MODEL AND SERIAL NUMBER OF THE MACHINE FOR WHICH PARTS ARE BEING ORDERED.
5. PART NUMBER, DESCRIPTION, AND QUANTITY OF PARTS.
6. THE LOCATION OF PART(S) IN THE ROADTEC PARTS MANUAL.

ONCE THE ABOVE INFORMATION HAS BEEN OBTAINED, CONTACT THE ROADTEC PARTS DEPARTMENT AT :

ROADTEC INC. / PARTS DEPARTMENT
2909 RIVERSIDE DRIVE
CHATTANOOGA, TN. 37406
MONDAY-FRIDAY 7:00AM – 8:30PM EASTERN
SATURDAY 7:00AM – 12:00PM EASTERN
PHONE : (423) 622-9202 **TOLL FREE : 1-877-266-8882**
PARTS FAX : 423-622-9072 **USED SALES FAX : 423-622-7318**

RESPONSIBILITY FOR BREAKAGE, LOSS OR DAMAGED GOODS, CEASES UPON DELIVERY OF THE MERCHANDISE TO THE TRANSPORTATION COMPANY FOR WHICH A RECEIPT IS RECEIVED SHOWING THAT THE SHIPMENT WAS ACCEPTED BY THEM IN GOOD CONDITION. IF ANY OF THE MATERIAL LISTED ON THE BILL OF LADING OR EXPRESS RECEIPT IS SHORT, BROKEN, OR DAMAGED, DO NOT ACCEPT THE SHIPMENT UNTIL THE CARRIERS AGENT MAKES A NOTATION OF THE SHORTAGE OR DAMAGE ON THE EXPENSE BILL. NOTIFY THE TRANSPORTATION COMPANY'S AGENT AT ONCE AND REQUEST AN INSPECTION.

THIS IS ABSOLUTELY NECESSARY.

IF THE AGENT DOES NOT MAKE AN INSPECTION, THEN AN AFFIDAVIT SHOULD BE MADE STATING THAT HE WAS NOTIFIED (ON THE DATE) AND FAILED TO DO THE INSPECTION. THIS AFFIDAVIT WITH OTHER PAPERS WILL PROPERLY SUPPORT YOUR CLAIM.

WARRANTY

Manufacturer (Roadtec, Inc.) warrants, commencing with the date of shipment to first end-user and for a period of 12 months thereafter or 1,000 hours of operation, whichever occurs first, all machinery and parts manufactured by Roadtec, Inc. to be free from defects in workmanship and material. **Warranty remains in force for the above time period only if all Manufacturer's operational procedures are followed and recommended maintenance is performed.** If, within such warranty period, any machinery or parts shall be proved to Manufacturer's satisfaction to be defective, it shall be repaired or replaced, at the Manufacturer's option, F.O.B. Manufacturer's warehouse. All failed parts or components must be returned to Manufacturer prepaid for inspection before credit will be issued for new parts or components.

Wear parts such as: conveyor lines, screed plates, cutter teeth, tooth holders, scraper blades, track pads, tires and conveyor belts are warranted only if found to be defective at time of shipment, but are not warranted for the warranty period against wear or abuse.

With respect to machinery, parts or accessories to Manufacturer's products which are furnished but not manufactured by Manufacturer, Manufacturer's warranty obligation shall in all respects conform and be limited to the warranty extended to Manufacturer by its supplier or, if none, to the warranties expressed herein. No warranty shall apply to machinery, parts or accessories which have been repaired or altered by others so as, in Manufacturer's judgment, to affect the same adversely or which shall have been subject to negligence, accident or improper care, installation, maintenance, storage or other than normal use or service, during or after shipment.

THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND MANUFACTURER SHALL NOT BE SUBJECT TO ANY OTHER OBLIGATIONS OR LIABILITIES WHATSOEVER WITH RESPECT TO MACHINERY, PARTS, ACCESSORIES OR SERVICES MANUFACTURED OR FURNISHED BY IT OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATING THERETO. UNDER NO CIRCUMSTANCES SHALL MANUFACTURER BE LIABLE FOR ANY CONSEQUENTIAL OR OTHER DAMAGES, EXPENSES, LOSSES OR DELAYS HOWSOEVER CAUSED. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

ROADTEC
an Astec Industries Company

ROADTEC, INC.
Chattanooga, Tennessee

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the state of California to cause cancer, birth defects and other reproductive harm

GENERAL INFORMATION

This parts manual contains a listing of all parts of the ROADTEC Shuttle Buggy. A sectional index immediately follows this introduction.

This catalog is divided into Numerical sections, each section has an alphabetical table of contents of its assemblies. The pages within each section are numbered with the section number and the number of the page within the section such as 1.1 (Sect. 1, Page 1, etc…). The page numbers are located bottom center of each page.

The parts shown in the illustrations are numbered and correspond to the number appearing in the REF. NO. column of the parts list immediately following the illustration. DO NOT ORDER PARTS BY THE REFERENCE NUMBERS. Each Ref. No. is followed by the ROADTEC part number for that particular part.

When ordering parts, be sure to provide the serial number of the machine for which the parts are being ordered. Specify how parts shipment is to be forwarded.(See " How To Order Parts." On the inside front cover of this catalog.)

Record the serial no. of your machine, its engine, and any other equipment in the space provided below. Our Service Department will need this information to provide you with prompt, efficient service when you order parts or optional equipment.

The warranty on this equipment appears on the inside back cover of this catalog.

MACHINE RECORD **Date Purchased** _____

MACHINE MODEL:
SERIAL NO.:
CATALOG NO.:

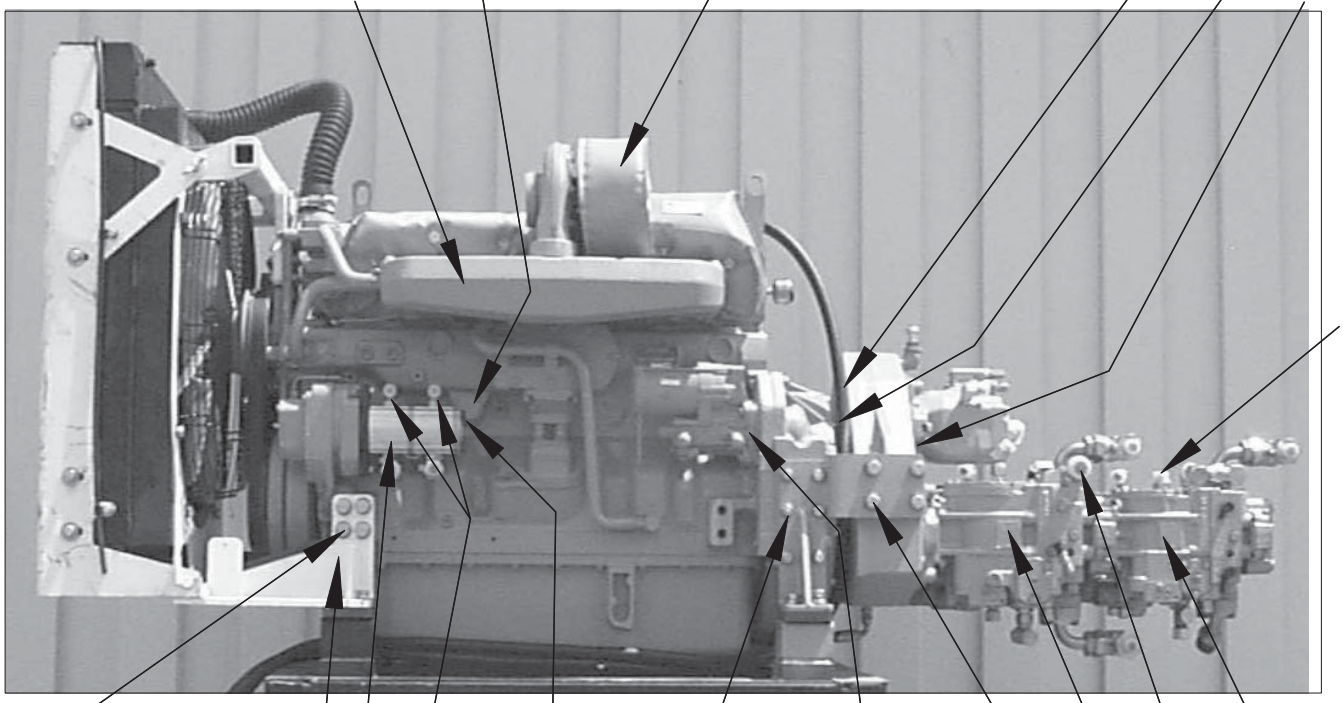
ENGINE MAKE:
SERIAL NO.:
MODEL NO.:

OPTIONS :
SERIAL NO.:
CATALOG NO.:

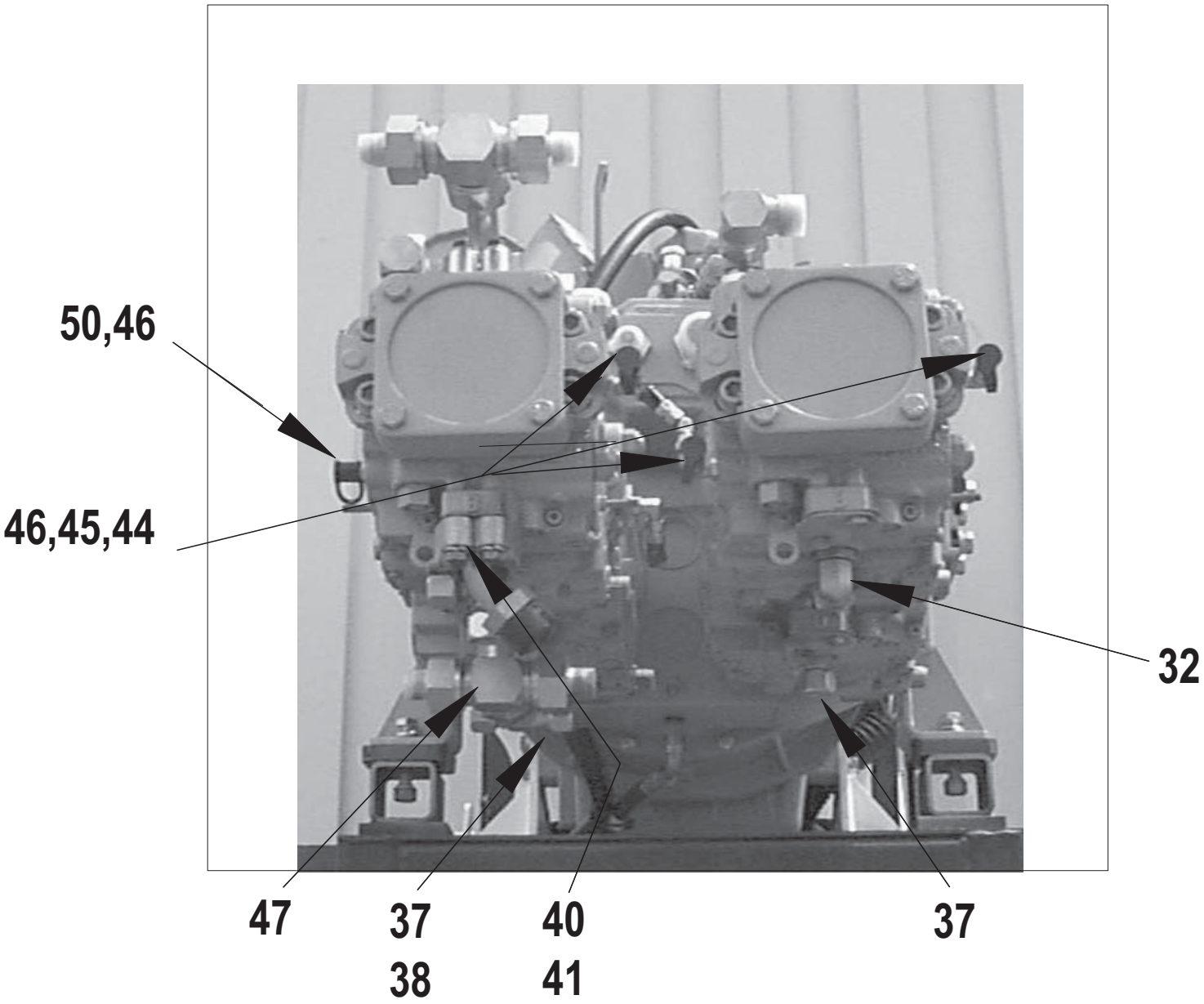
SECTION 1 : ENGINE

ASSEMBLY	PART NO.	S/N	PAGE NO.
ENGINE - PUMPS	147692-01	618 & UP	1.1
ENGINE - RADIATOR	145376-01	580 & UP	1.8
ENGINE - EXHAUST	142185-01	484 & UP	1.11

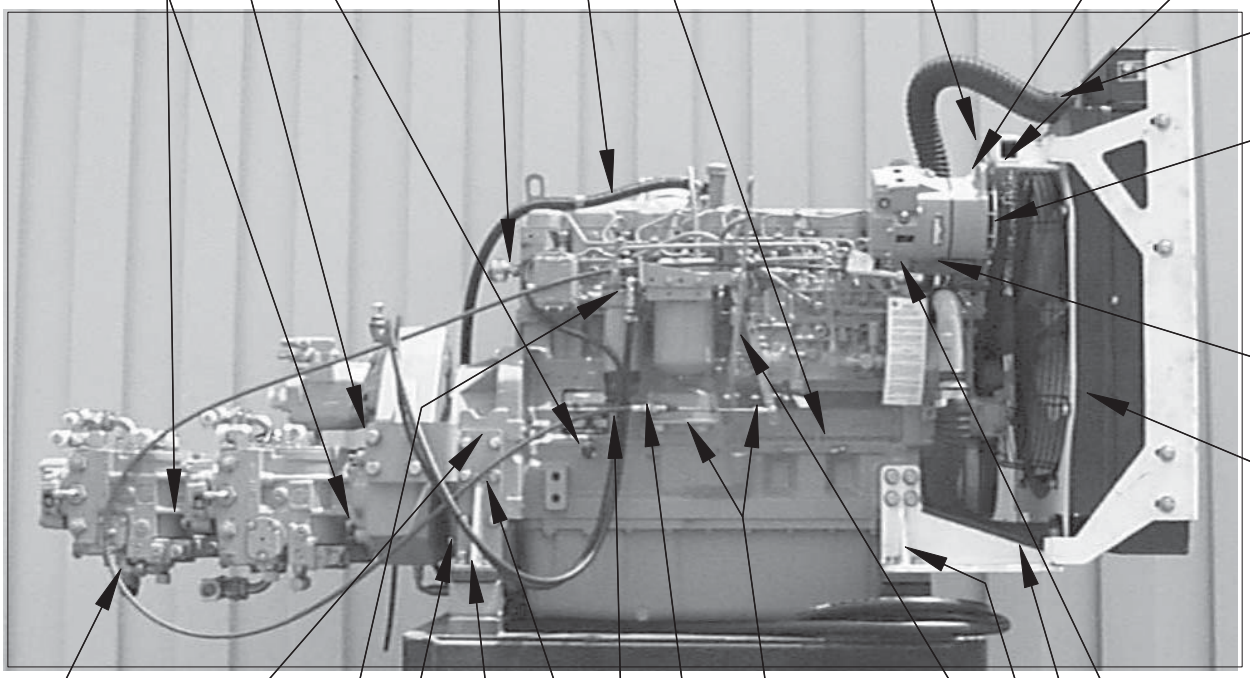
SB-2500B ENGINE W/ PUMP ASSEMBLY
(147692-01)



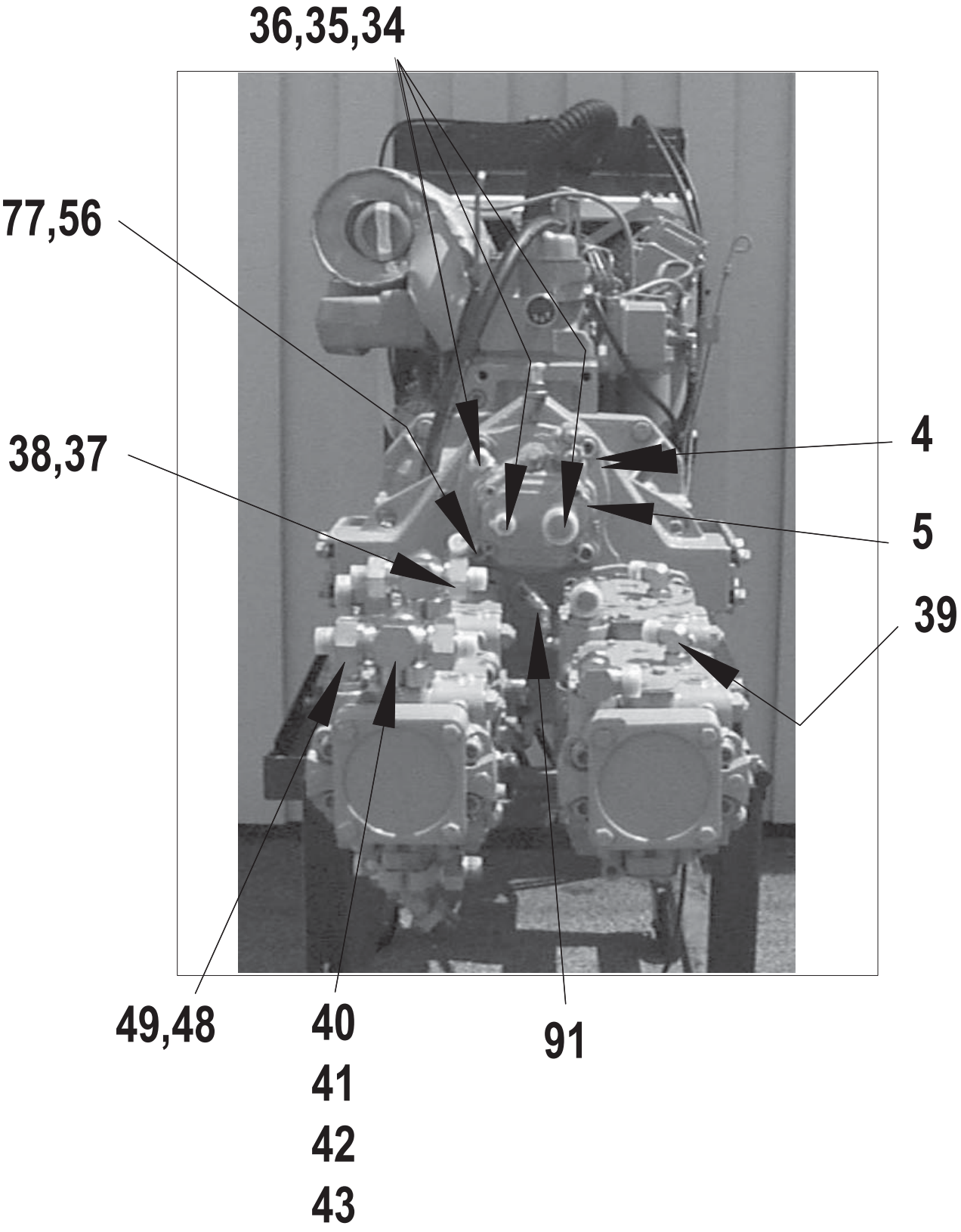
SB-2500B ENGINE W/ PUMP ASSEMBLY
(147692-01)



SB-2500B ENGINE W/ PUMP ASSEMBLY
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(147692-01)



SB-2500B ENGINE W/ PUMP ASSEMBLY
(147692-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	140349-03	ENGINE - J. DEERE 8.1L 275 HP	1
2	89687-04	ALTERNATOR 12/24 VOLT W/ FAN	1
3	130176-01-C2	ALTERNATOR PULLEY	1
4	144422-01	PUMP DRIVE GEAR BOX (DURST)	1
5	128178-04	AUX. PUMP REXROTH AA10V45	1
6	99814	C-1 & C-2 DRIVE PUMP SUNSTRAND 90/100	2
7	29J94	C-3 DRIVE PUMP SUNSTRAND 90/75	2
8	92775	FLANGE ADAPTER - 16 JIC X 16 FLG. 90 CODE 62	2
9	137454-04	FUME-X PUMP TANDAM CASAPPA PLP 30.22	1
10	141615-01	DRIVE PLATE SPRING COUPLING	1
11	137838-04	HOUR METER	1
12	143867-03	HOUR METER BRACKET	1
13	147670-03	TEMP. SENDER PLUG	1
14	145331-01	LT. FRONT MOTOR MOUNT	1
15	137839-04	PSI SWITCH	2
16	143258-04	TEMP. SENDER	1
17	84496-04	THROTTLE CABLE ROD END	1
18	140662	THROTTLE CABLE	1
19	140549-01	THROTTLE BRACKET	1
20	50P03	FUEL RETURN LINE BUSHING 1/4" X .30 WA.	2"
21	130860	FUEL LINE CLAMP	4
22	92785-04	FUEL LINE - 1/4" X 10'	1
23	80132-04	FUEL LINE - 3/8" X 10'	1
24	91321-04	OIL BREATHER TUBE - 3/4" X 12'	1
25	143011-01	RT. FRONT MOTOR MOUNT	1
26	140613	TURBO BLANKET KIT	1
27	145376-01	RADIATOR ASSEMBLY	1
28	140016-02L	LT. REAR MOTOR MOUNT	1
29	83953-04	6 JIC SWIVEL 90	1
30	132960-04	6 JIC X 1/4 NPT FM. STRAIGHT	1
31	123831	10 SAE X 8 JIC 90	2
32	85148	NUT, HEX 5/8 - 11	8
33	96597	12 X 16 JIC ADAPTER	2
34	97551	10 SAE X 12 JIC 90	2
35	85874-04	16 SAE X 12 JIC ST.	1
36	83758-04	24 SAE X 24 JIC STRAIGHT	1
37	83457-04	12 SAE X 12 JIC STRAIGHT	4
38	90952-04	12 JIC SWIVEL 45	1
39	97168	20 SAE X 20 JIC 90	2
40	90729	# 16 FLANGE KIT	8

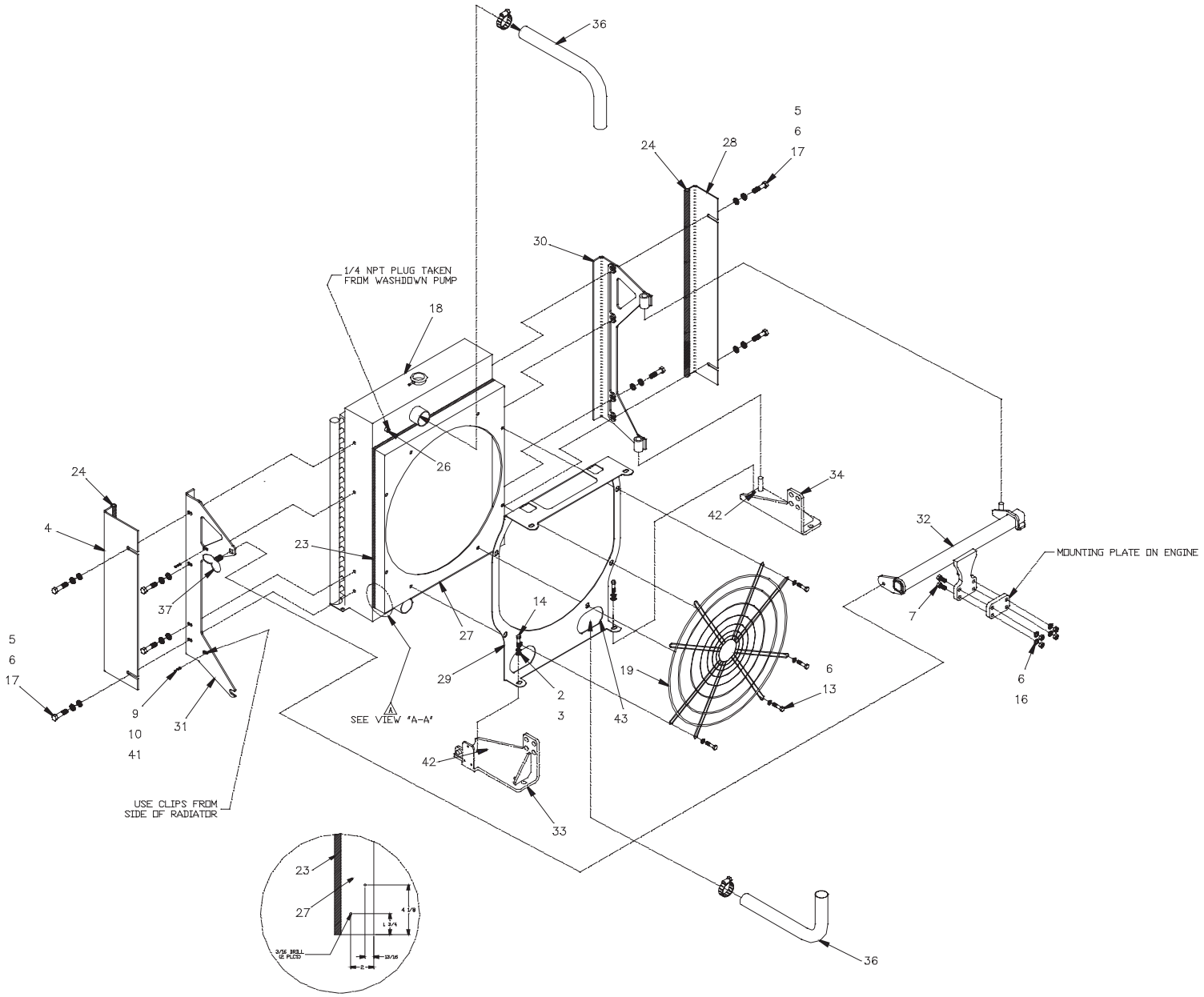
SB-2500B ENGINE W/ PUMP ASSEMBLY
(147692-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	95981	16 X 20 JIC FLG. 90	5
42	99556	20 JIC SWIVEL BRANCH TEE	3
43	83958-04	20 JIC X 12 JIC REDUCER	6
44	83734-04	6 SAE X 6 JIC 90	7
45	131680-04	# 6 JIC TEST PORT	7
46	85949-04	TEST PORT CAP	9
47	89898-04	12 JIC BRANCH TEE	1
48	91660	16 SAE X 16 JIC 90	2
49	84654-04	16 JIC SWIVEL 90	2
50	85948-04	6 SAE TEST PORT	2
51	85303-04	12 SAE RUN TEE	1
52	80349-04	1/4" NPT X 3/8" BARB	1
53	84566-04	1/8" NPT RUN TEE	1
54	84560-04	1/8 X 4 JIC 90	1
55	97408	BOLT, HEX 5/8 - 11 X 2 3/4"	8
56	86164	BOLT, HEX 1/2 - 13 X 1 1/4""	20
57	89143	BOLT, HEX 5/8 - 11 X 1 3/4"	8
58	96476	BOLT, HEX 3/8 - 16 X 1 1/4"	12
59	140016-02R	RT. REAR MOTOR MOUNT	1
60	86127-04	BOLT, HEX 3/8 - 16 X 3/4"	5
61	93144	BOLT, HEX 1/2 - 13 X 1 1/2"	18
62	97027	BOLT, SOC. HD. 3/8 - 16 X 3/4"	8
63	98247	1/4" NPT PLUG	1
64	99534	16 X 20 JIC FLG. 45	1
65	27D22	NUT, JAM 5/8 - 11	8
66	84674	BOLT, HEX 1/2 - 13 X 2"	4
67	142185-01	EXHAUST ASSEMBLY	1
68	94437	BOLT, HEX 1/2 - 20 X 6 1/2"	2
69	O1157	BOLT, SOC. HD. 6mm X 16	2
70	89297	BOLT, HEX 5/16 - 18 X 1"	2
71	OO876	BOLT, HEX 3/8 - 16 X 2 1/2"	6
72	84717	LOCKWASHER 5/8"	40
73	26F83	HARD WASHER 5/8"	36
74	83317	LOCKWASHER 1/2"	35
75	10D63	HARD WASHER 1/2"	14
76	83781-04	FLAT WASHER 1/2"	18
77	O5707	CONICAL WASHER 1/2"	20
78	83056	LOCKWASHER 3/8"	6
79	83757	FLAT WASHER 3/8"	6
80	83065	LOCKWASHER 1/4"	2

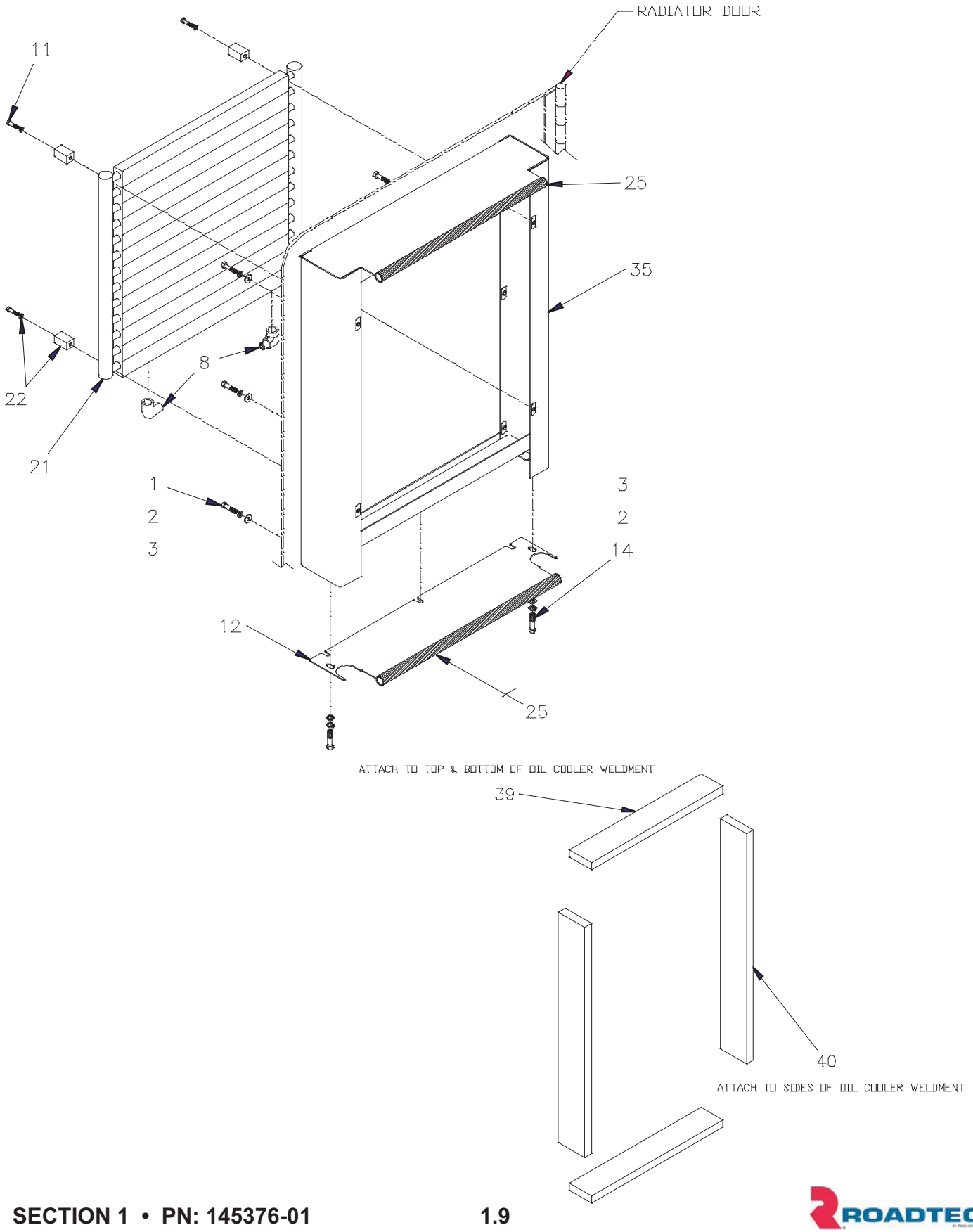
SB-2500B ENGINE W/ PUMP ASSEMBLY
(147692-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
81	87328-04	LOCKWASHER 5/16"	2
82	90871	FLAT WASHER 5/16"	2
83	89772	NUT, HEX 1/4 - 20	1
84	121839	NUT, LOCK 1/4 - 20	1
85	84689	NUT, HEX 1/2 - 20	1
86	83288	NUT, HEX 1/2 - 13	4
87	87953-04	NUT, HEX 5/16 - 18	1
88	88960	LOCTITE # 242	1
89	84021-04	SILICONE RTV ULTRA-BLUE	1
90	96041	BOLT, HEX 5/8 - 11 X 2"	8
91	90768-04	6 JIC 45 SWIVEL	1
92	142804-04	ENGINE DRAIN TAG	1
93	142903-01	DURST UNIT OIL DRAIN HOSE ASSY.	1
94	140511-03	JD. UPPER ALTERNATOR BRACKET	1
95	141677-04	JD. LOWER ALTERNATOR BRACKET	1
96	140508-04	THROTTLE BRACKET	1
97	27K64	STE SCREW 5/8 - 11 X 3"	4
98	142512-01-A3	AIR INTAKE ASSY.	1
99	143257-04	OIL PRESSURE SENDER	1
100	80169	1/8" NPT CLOSE NIPPLE	1
101	92792	1/8" NPT COUPLING	1

SB-2500B RADIATOR ASSEMBLY
(145376-01)



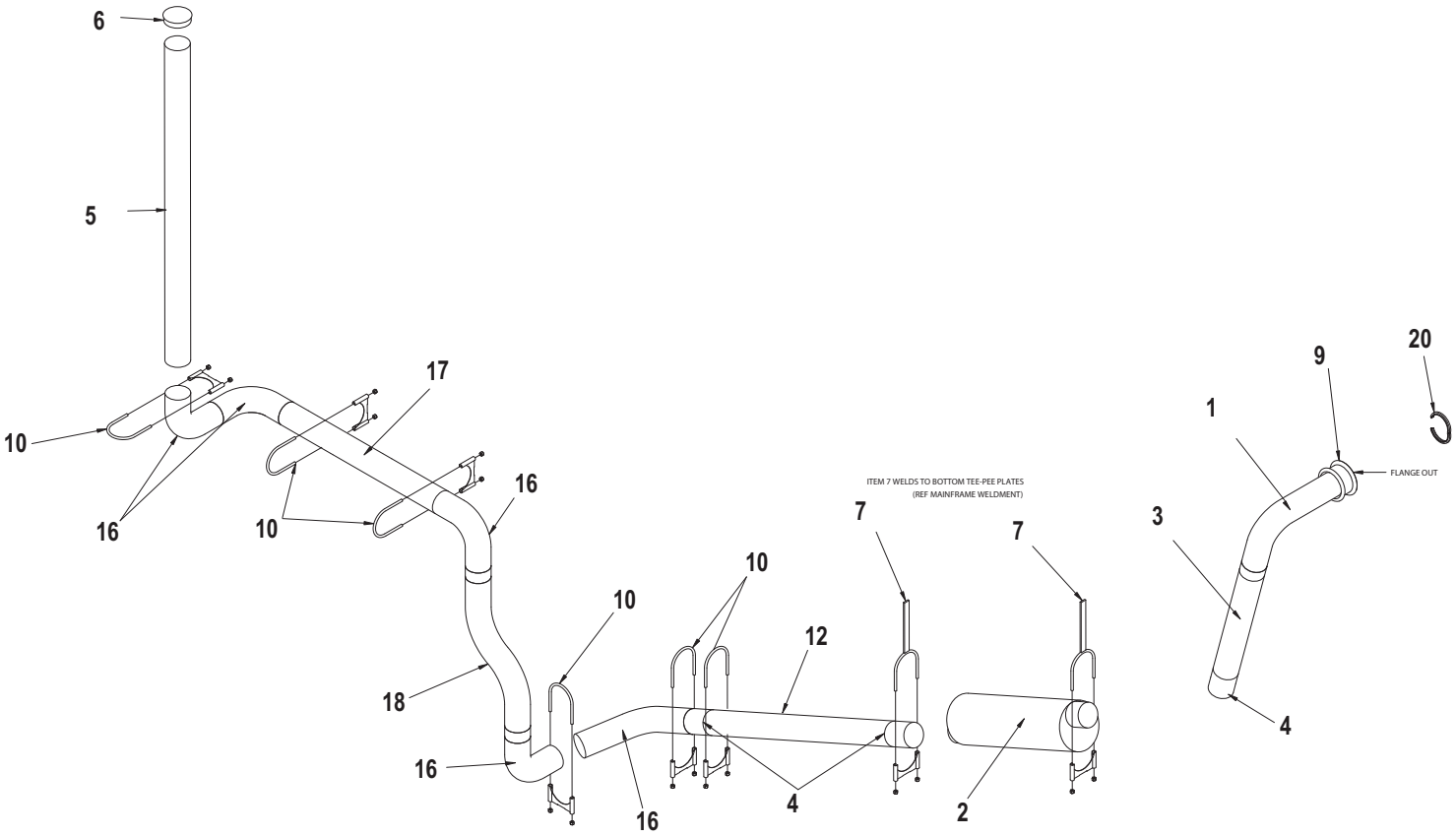
SB-2500B RADIATOR ASSEMBLY
(145376-01)



SB-2500B RADIATOR ASSEMBLY
(145376-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	84332	BOLT, HEX 3/8 - 16 X 1"	8
2	83056	LOCKWASHER 3/8" SPRING STEEL	21
3	83757	FLAT WASHER 3/8" STEEL	15
4	145189-03L	RADIATOR SEAL PLATE	1
5	83781-04	FLAT WASHER 1/2" STEEL	8
6	83317	LOCKWASHER 1/2" SPRING STEEL	20
7	84674	BOLT, HEX 1/2 - 13 X 2"	4
8	97168	FITTING - 20 JIC X 20 SAE ELBOW	REF
9	83065	LOCKWASHER 1/4" SPRING STEEL	2
10	89988-04	BOLT, HEX 1/4 - 20 X 3/4"	2
11	90506	BOLT, HEX 5/16 - 18 X 2 1/2"	4
12	142308-03	BOTTOM RADIATOR COVER	1
13	83754	BOLT, HEX 1/2 - 13 X 1"	8
14	86127-04	BOLT, HEX 3/8 - 16 X 3/4"	7
15	OO876	BOLT, HEX 3/8 - 16 X 2 1/2" 9 (FAN SPACER)	6
16	83288	NUT, HEX 1/2 - 13	4
17	86164	BOLT, HEX 1/2 - 13 X 1 1/4"	8
18	99872-01	RADIATOR	1
19	120839	FAN GUARD	1
20	140480	FAN (NOT SHOWN / SUPPLIED WITH ENGINE)	1
21	29H03	HYDRAULIC OIL COOLER	1
22	15W48	OIL COOLER MOUNTING KIT	4
23	128936	MOLDING - 5/8" TRIM X 1/8" EDGE X 168" LG.	1
24	129894	MOLDING - 5/8" TRIM X 1/8" EDGE X 40" LG.	2
25	129894	MOLDING - 5/8" TRIM X 1/8" EDGE X 25" LG.	2
26	N/A	1/4" NPT PLUG	1
27	93247-04	DRAIN COCK - 1/4" NPT	1
28	145189-03R	RIGHT RADIATOR SEAL PLATE	1
29	143383-02	FAN SHROUD	1
30	142837-01	RIGHT RADIATOR SUPPORT	1
31	142838-01	LEFT RADIATOR SUPPORT	1
32	142995-01	UPPER RADIATOR SUPPORT	1
33	N/A	LEFT FRONT MOTOR MOUNT	
34	N/A	RIGHT FRONT MOTOR MOUNT	
35	140614-01	OIL COOLER SUPPLY	1
36	142297-01	RADIATOR HOSE	1
37	135982-04	WING BOLT 1/2"	1
38	142743-03	FAN SPACER (NOT SHOWN)	1
39	10377	INSULATION - 1" THK. FOAM X 3" X 30"	2
40	10377	INSULATION - 1" THK. FOAM X 3 1/2" X 34"	2
41	84444	FLAT WASHER 1/4"	2
42	98550-04	MOLDING - INTERLOCK 1/2" X 11 1/2"	2
43	86505-04	MOLDING - INTERLOCK 3/8" X 14"	1

EXHAUST ASSEMBLY (J. DEERE ENGINE)
(142185-01)



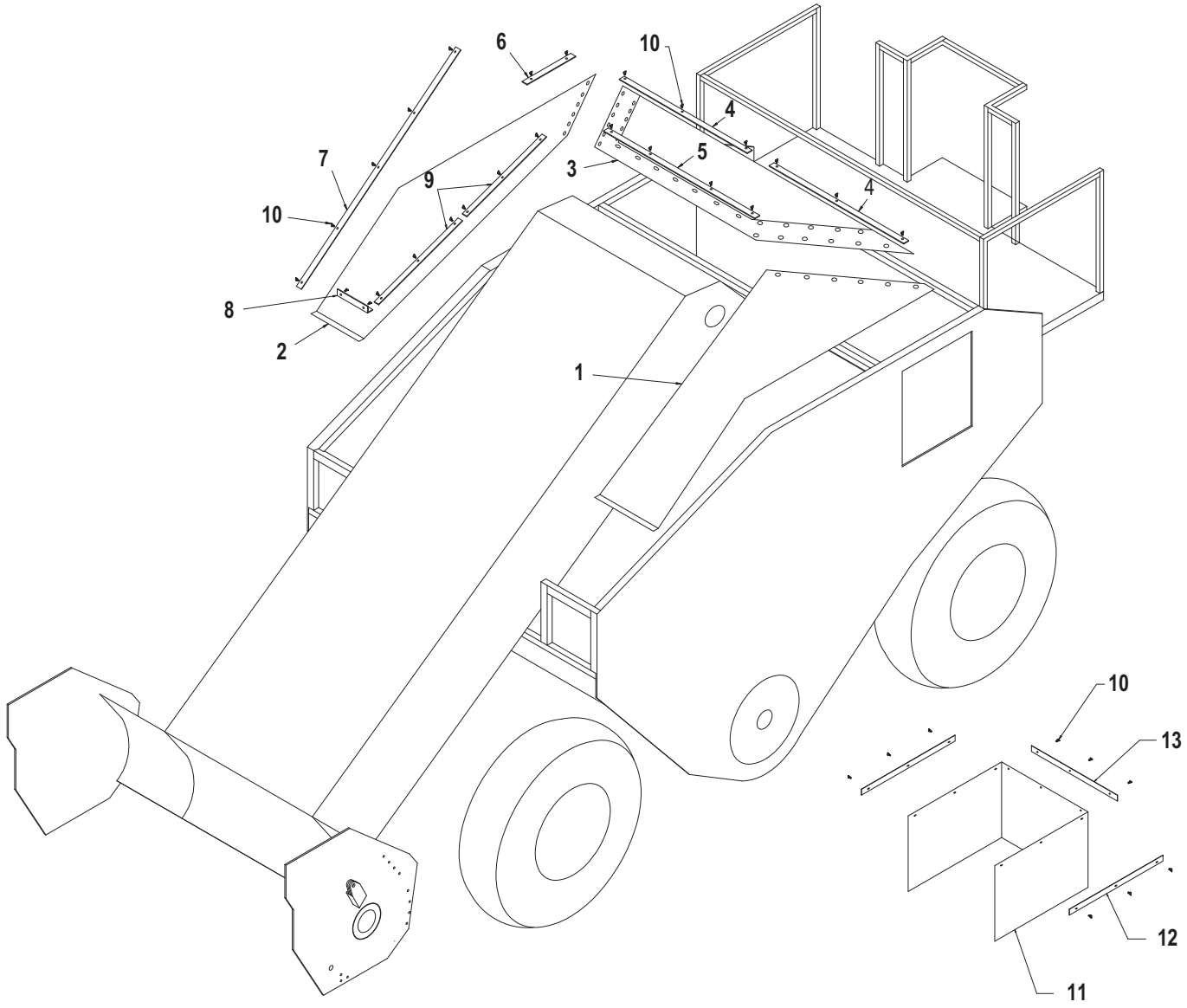
EXHAUST ASSEMBLY (J. DEERE ENGINE)
(142185-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	93130	ELBOW - 4" OD X 16 GA. 90" LG. (A-513)	1
2	92086-03	MUFFLER	1
3	120696-04	FLEX EXHAUST TUBE - 4" OD X 34" LG.	1
4	OO930	TUBE 4" OD X 16 GA. X 3" LG. (A-513)	3
5	140885-04	TUBE 4" OD X .065 WA. X 60"	1
6	93128	4" RAIN CAP	1
7	142128-03	SHORT MUFFLER SUPPORT	1
8	142127-03	LONG MUFFLER SUPPORT	1
9	PURCHASED	EXHAUST V-FLANGE (SUPPLIED W/ ENGINE)	
10	93129	4" MUFFLER CLAMP	2
12	120696-04	FLEX EXHAUST TUBE - 4" OD X 45" LG.	1
13	10299	INSULATION CERWOOL (3.75 SQ. FT.)	1
14	10298	FIBERGLAS FABRIC (5.25 SQ. FT.)	1
15	10298-C1	HOG RING STAPLES	36
16	29H38	ELBOW - 4" OD X 16 GA. 90 SHORT (A-513)	5
17	OO930	TUBE 4" OD X 16 GA. X 40" LG. (A-513)	1
18	120696-04	FLEX EXHAUST TUBE - 4" OD X 23" LG.	1
19	84332	BOLT, HEX 3/8 - 16 X 1"	4
20	PURCHASED	V-CLAMP (SUPPLIED W/ ENGINE)	
21	10299	INSULATION CERWOOL (1.25 SQ. FT.)	1
22	10298	FIBERGLAS FABRIC (1.75 SQ. FT.)	1
23	10298-C1	HOG RING STAPLES	12
24	145024-03	TURBO END EXHAUST WRAP (NOT SHOWN)	1
25	145025-03	TAILPIPE EXHAUST WRAP	1

SECTION 2 : FRAME ASSEMBLIES

ASSEMBLY	PART NO.	S/N	PAGE NO.
CANVAS	144819-01	568 & UP	2.1
FRONT & REAR AXLE	149415-01	625 & UP	2.3
FUEL TANK & WASHDOWN	144760-01	562 & UP	2.5
MAINFRAME	149412-01	625 & UP	2.8
FLOWGATES	140182-01	448 & UP	2.13
MIRROR	144370-01	448 & UP	2.15
PAINT & MARKINGS	140079-01	448 & UP	2.18
OPERATORS STATION	139738-01	448 & UP	2.22
OPERATORS PLATFORM	146424-01	574 & UP	2.24
SERVICE LADDER	146182-01	574 & UP	2.26

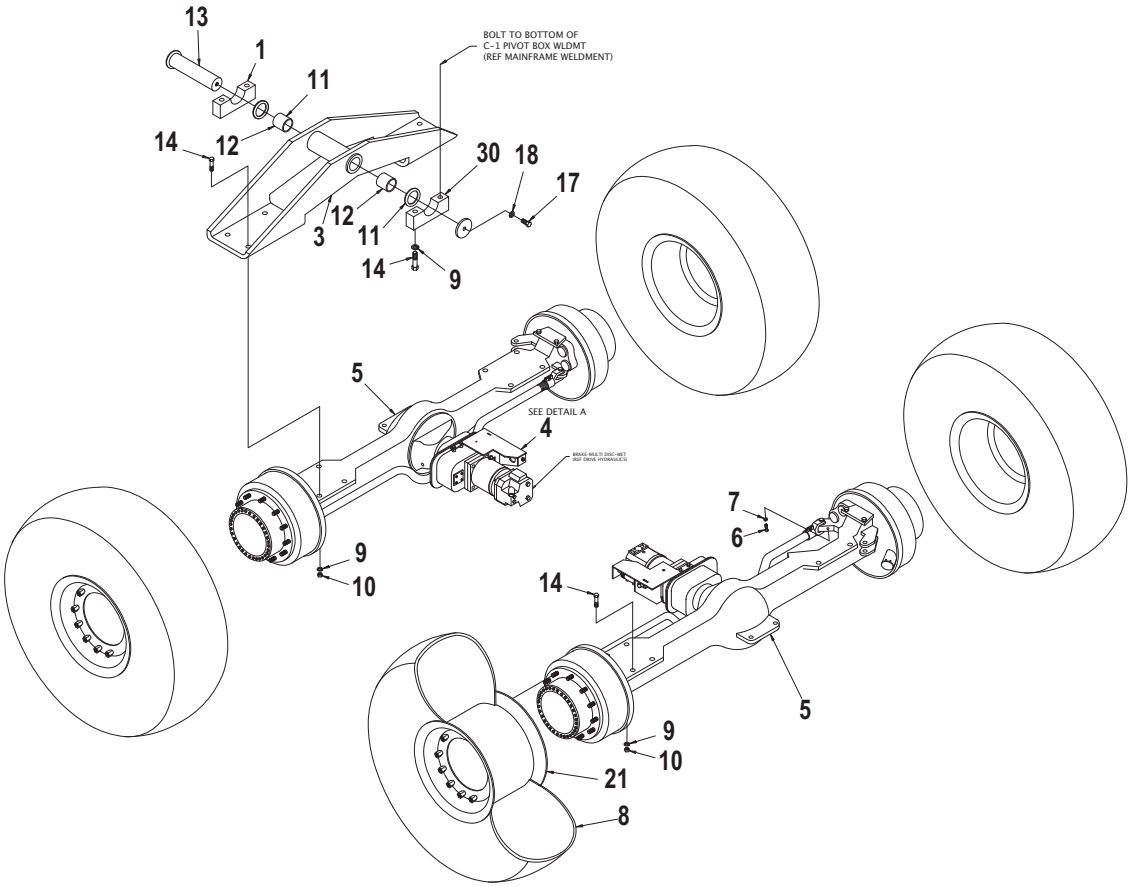
SB-2500B CANVAS ASSEMBLY
(144819-01)

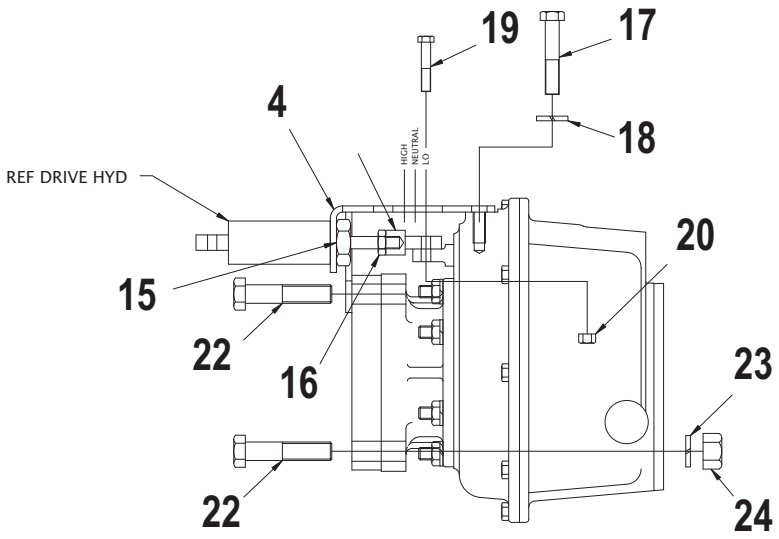


SB-2500B CANVAS ASSEMBLY
(144819-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	144258-01L	CANVAS - HOPPER SIDES	1
2	144258-01R	CANVAS - HOPPER SIDES	1
3	143859-01	CANVAS - OPERATOR ACCESS	1
4	126242-03	CLAMP BAR - REAR MAINFRAME	2
5	126238-03	CLAMP BAR - C-1 END	1
6	142036-03	CLAMP BAR - REAR SIDE MAINFRAME	2
7	144305-03	CLAMP BAR - FRONT SIDE MAINFRAME	2
8	129241-03	CLAMP BAR - FRONT MAINFRAME	2
9	129236-03	CLAMP BAR - C1 REAR	4
10	89987-04	WING BOLT 3/8 - 16 UNC X 1"	48
11	129119-01	C-2 CANVAS	1
12	129235-03	C-2 CANVAS CLAMP BAR	2
13	129234-03	C-2 CANVAS CLAMP END BAR	1

SB-2500B FRONT AND REAR AXLES ASSEMBLY
(149415-01)



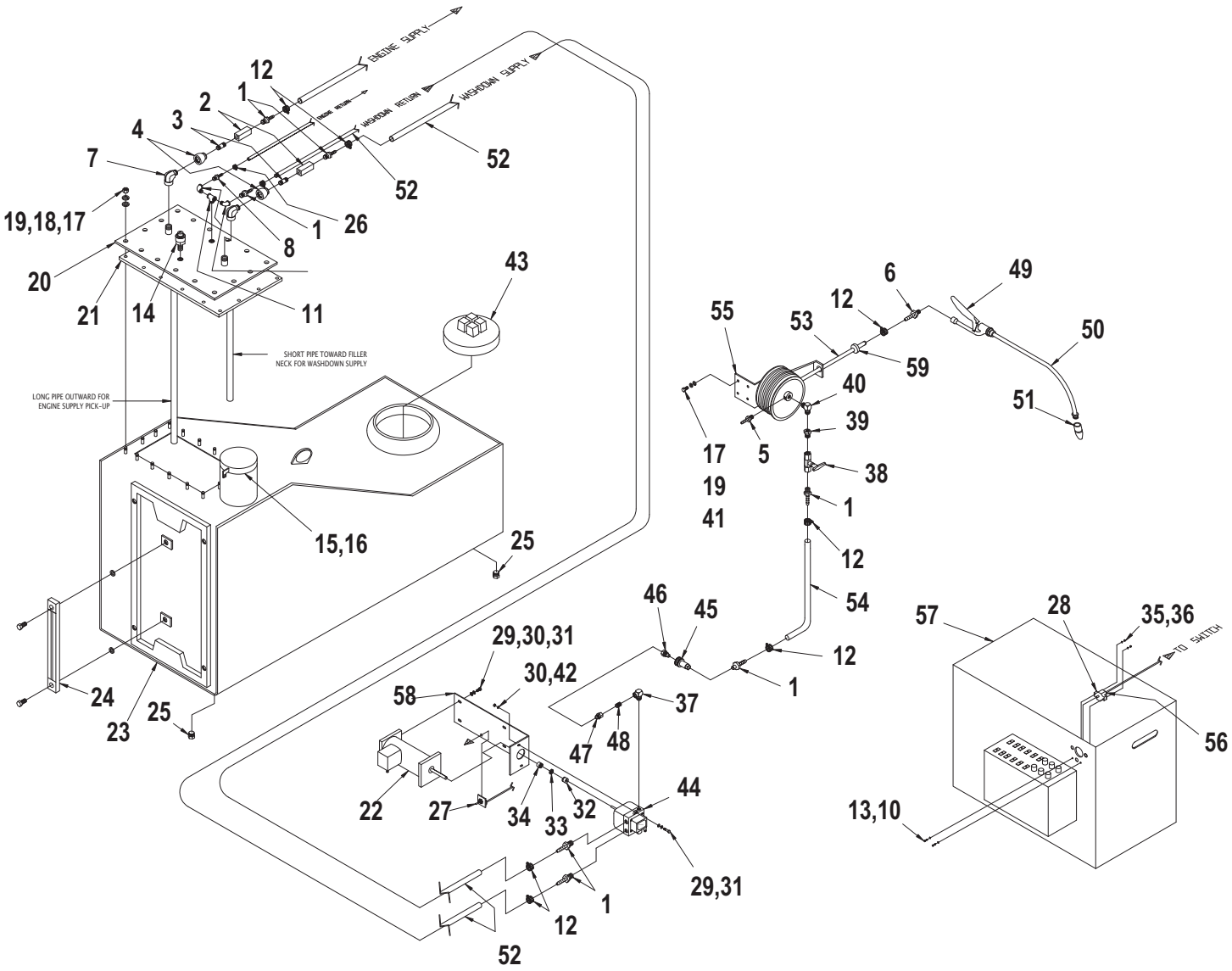


DETAIL A
(2 REQ'D)

SB-2500B FRONT AND REAR AXLES
(149415-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1		PIVOT PIN RETAINER (REF. TO MAINFRAME)	
2	130488-03	LINKAGE PIVOT	2
3	140449-01	TRUNION	1
4	147494-01	SPEED SHIFT BRACKET	2
5	140265-04	AXLE ASSY. W/ TIE RODS	2
6	130422	SET SCREW - 26mm X 124 mm	2
7	130422-C1	NUT, JAM 7/8 - 14	2
8	124467	TIRE - 21.00 X 25 X 28 PLY	4
9	83427	LOCKWASHER 1" SPRING STEEL	20
10	98453	NUT, HEX 1 - 8 GD. 8	16
11	120891-04	SPACER - BRONZE	2
12	29M85	BUSHING - DURALON	2
13	99278-02	FRONT AXLE PIVOT	1
14	99359	BOLT, HEX 1 - 8 X 5" GD. 8	20
15	147515-04	JAM NUT 1 - 14 GD. 8	2
16	130541	NUT, JAM 1/2 - 20	2
17	84778	BOLT, HEX 5/8 - 11 X 1 1/2" GD. 8	5
18	84717	LOCKWASHER 5/8" SPRING STEEL	5
19	83924	BOLT, HEX 3/8 - 16 X 1 1/2" GD. 8	2
20	92235	NUT, LOCK 3/8 - 16 GD. 8	4
21	141499-03-A4	TIRE & RIM ASSEMBLY	4
22	141568	SCREW, SOCKET HD. CAP 3/4 - 10 X 3 1/2"	8
23	83752-04	LOCKWASHER 3/4' SPRING STEEL	8
24	84071-04	NUT, HEX 3/4 - 10	8

FUEL TANK AND WASHDOWN
(144760-01)



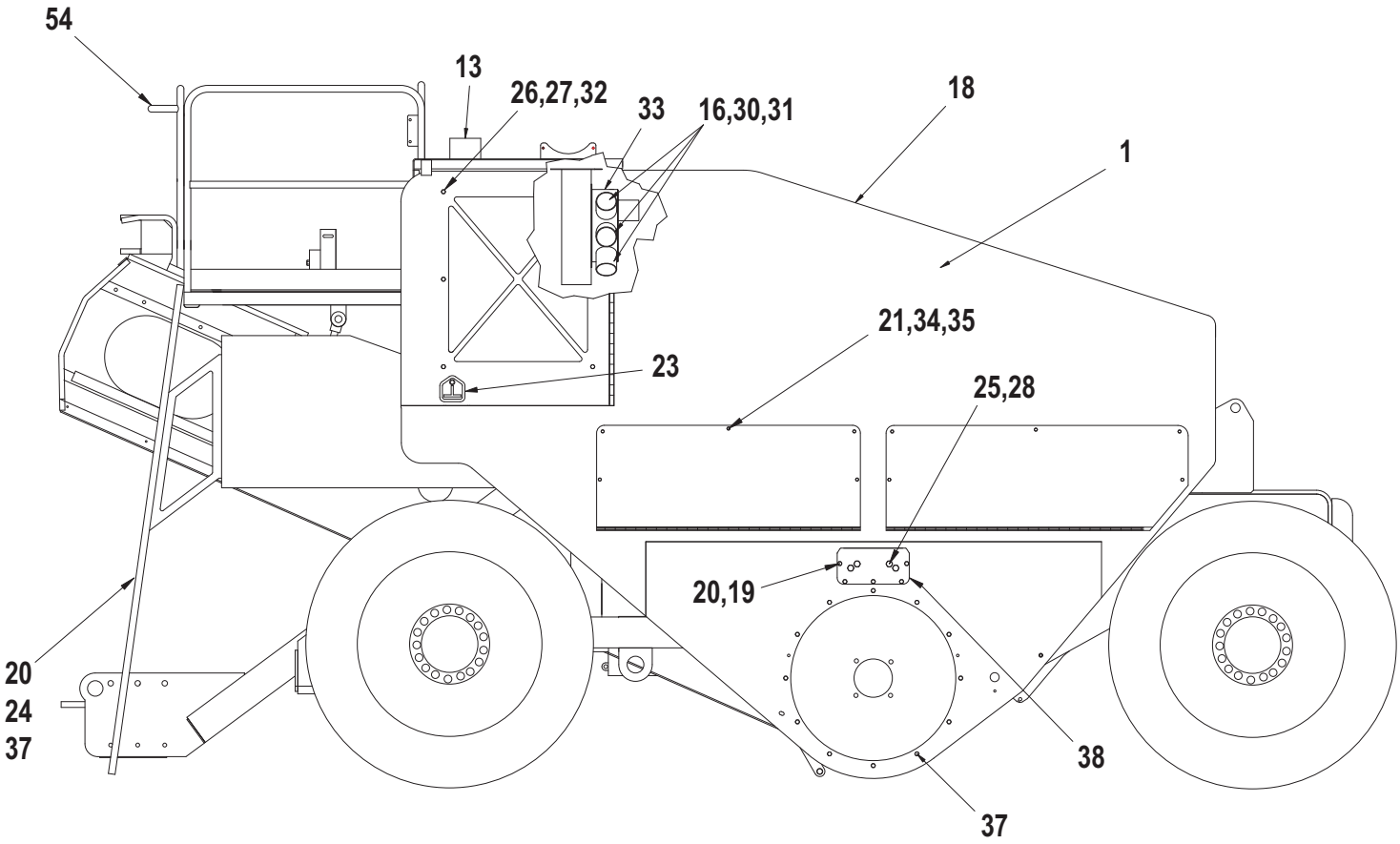
SB-2500B FUEL TANK AND WASHDOWN ASSEMBLY (144760-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	80349-04	BARB - 1/4" X 3/8"	7
2	31P61	CHECK VALVE - 1/4" MALE & FEMALE	2
3	80168-04	CLOSE NIPPLE - 1/4" STEEL	2
4	93546	FIT - 1/2 NPT - FEM. X 1/4 NPT - FEM. REDUCER	2
5	80187	BARB - 3/8" NPT X 3/8" HOSE	1
6	80553-04	BARB - 1/8 NPT X 3/8" HOSE	1
7	138868-04	PLUMB - 1/2" NPT 90 STEEL	2
8	91846-04	BARB - 1/4" NPT X 1/4"	1
9	84213-04	PLUMB - 1/4" NPT 90 STEEL	2
10	91207-04	SCREW, SLOTTED-HD. 10 - 32 X 1 1/4"	2
11	121741	TEE, BRANCH - 1/4" NPT STEEL	1
12	45228	HOSE CLAMP 3/8"	8
13	92552	FLAT WASHER # 10	4
14	27X25	FUEL TANK VENT	1
15	98027	TANK CAP	1
16	803456	TANK STRAINER	1
17	83757	FLAT WASHER 3/8"	20
18	83055	NUT, HEX 3/8 - 16	16
19	83056	LOCKWASHER 3/8"	20
20	136023-02	FUEL TANK LID	1
21	99439-03	LID GASKET	1
22	98111-04	MOTOR - 1/5 H.P. 12/24 VOLT DC	1
23	144759-01	FUEL TANK	1
24	29L61	GAUGE GLASS	1
25	97032	PIPE PLUG, HEX HD. 3/4"	2
26	94904	HOSE CLAMP 1/4"	1
27	13E68	TOGGLE SWITCH	1
28	90930-04	BREAKER 40 AMP	1
29	89988-04	BOLT, HEX HD. 1/4 - 20 X 3/4"	6
30	83065	LOCKWASHER 1/4"	6
31	84444	FLAT WASHER 1/4"	6
32	80342-04	HALF-COUPLING	1
33	80340-04	COUPLING B-50 ELEMENT	1
34	80341-04	HALF-COUPLING	1
35	90103	LOCKWASHER #10	2
36	90102	NUT, HEX 10 - 32	2
37	23J52	STREET ELL 1/8"	1
38	89010-04	TWO-WAY BALL VALVE 1/4"	1
39	86622-04	SWIVEL CONN. - 6 JIC X 1/4" NPT	1
40	85466-04	ELBOW - 6 JIC X 3/8" NPT 90	1

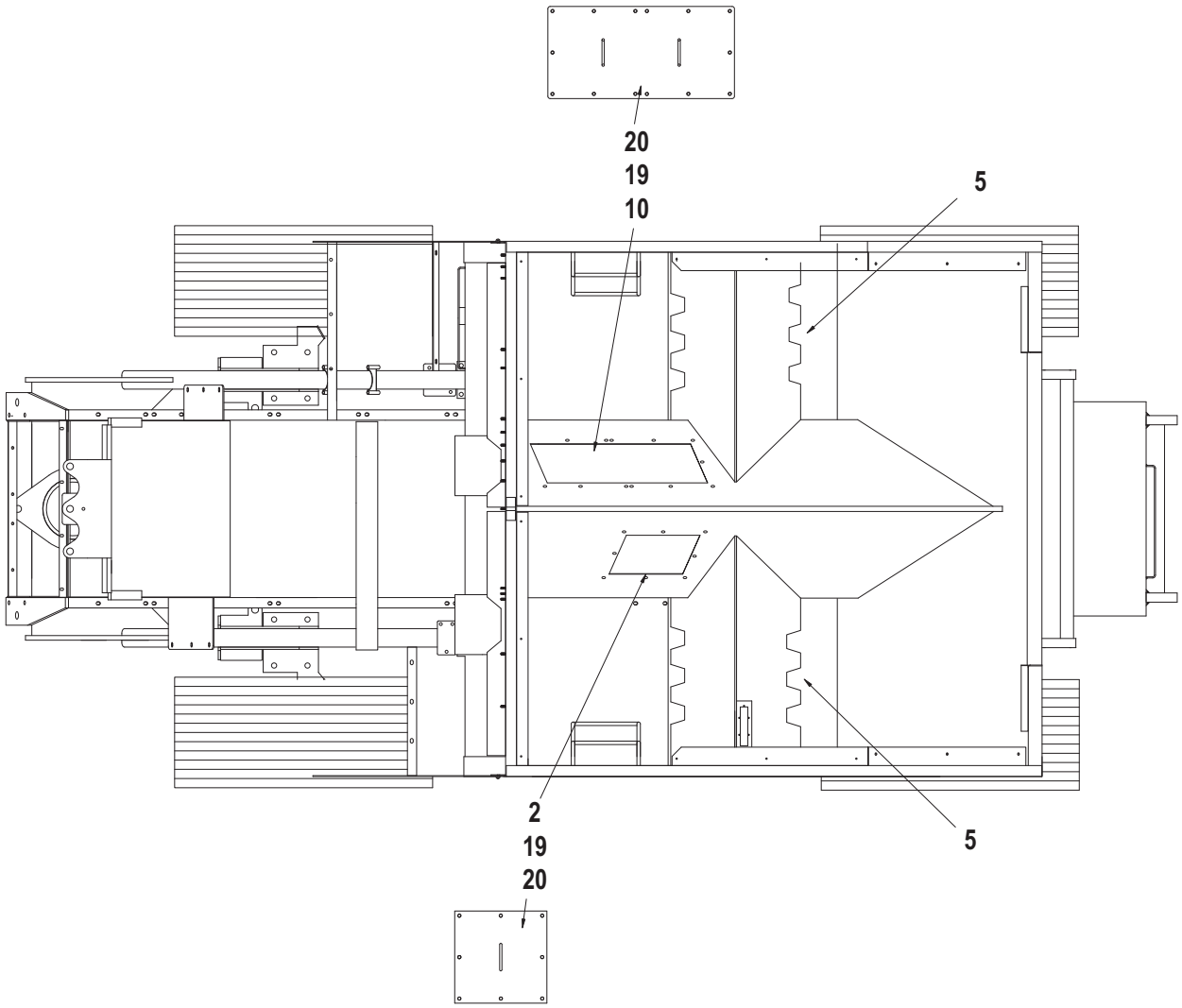
SB-2500B FUEL TANK AND WASHDOWN ASSEMBLY
(144760-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	84332	BOLT, HEX 3/8 - 16 X 1"	4
42	89772	NUT, HEX 1/4 - 20 GD. 8	2
43	125578	PLUG - 6" NPT	1
44	142905-04	PUMP - 7 GPH @ 100 PSI REP.135292-04	1
45	92279-04	FEMALE DISCONNECT	1
46	92280-04	MALE DISCONNECT	1
47	86211-04	HEX BUSHING 1/4" X 1/8"	1
48	80169	NIPPLE 1/8" NPT	1
49	128842	HAND SHUT-OFF	1
50	128844	WAND	1
51	128843	NOZZLE	1
52	80132-04	3/8" FUEL HOSE	2
53	80132-04	3/8" FUEL HOSE	1
54	141369-01	BATTERY BOX	1
55	131616-04	HOSE REEL - H.D. 35'	1
56	80645-04	ELEC. - CGB 193 CONN. 1/2"	1
57	80132-04	HOSE - 3/8" FUEL / WATER	
58	120153-02	WASHDOWN PUMP BRACKET	
59	145619-04	RUBBER STOP	1

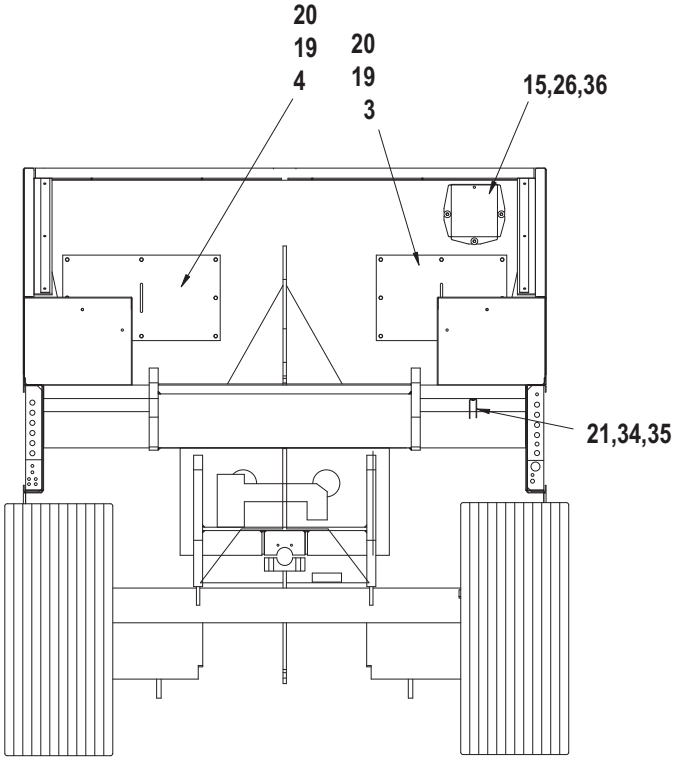
SB-2500B MAINFRAME ASSEMBLY
(149412-01)



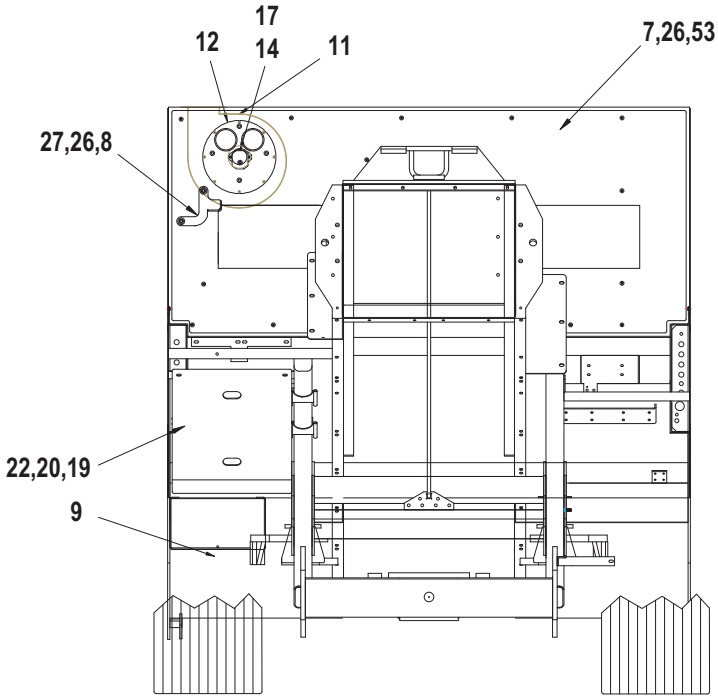
SB-2500B MAINFRAME ASSEMBLY
(149412-01)



SB-2500B MAINFRAME ASSEMBLY
(149412-01)



FRONT VIEW



REAR VIEW

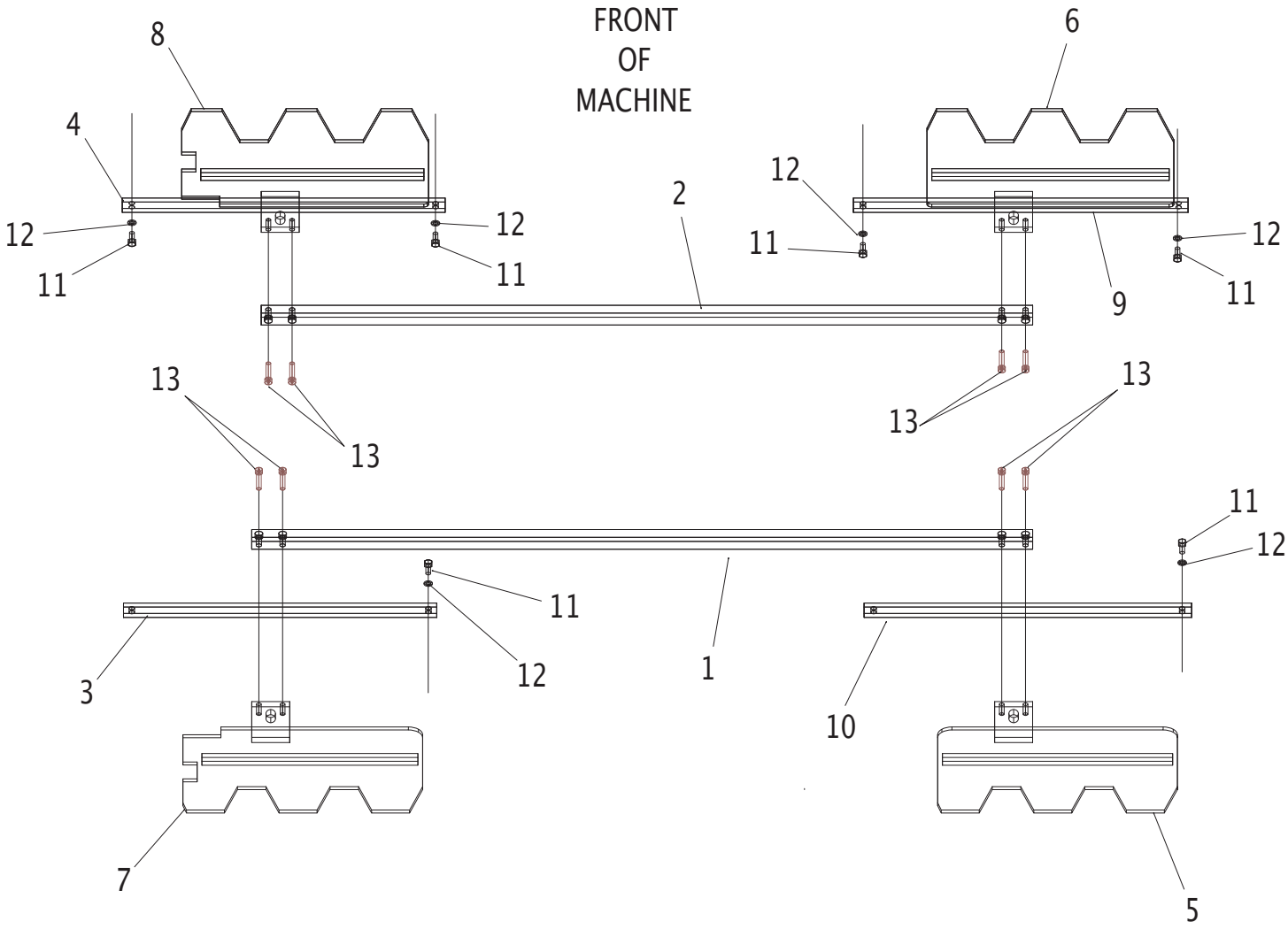
SB-2500B MAINFRAME ASSEMBLY
(149412-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	143417-01	MAINFRAME WELDMENT	1
2	122985-04	HOPPER ACCESS PLATE	1
3	120358-04	REAR INSIDE HOPPER COVER PLATE L.H	1
4	129485-03	REAR INSIDE HOPPER COVER PLATE R.H	1
5	140182-01	FLOWGATE ASSEMBLY	1
6	128390	GREASE NIPPLE COVER (RED)	65
7	129271-01	REAR WALL INSULATION	1
8	143172-03	AUX. FILTER BRKT. (HI-PRESSURE IN-LINE)	1
9	147453-03	BATTERY BOX LID	1
10	140485-02	TEE-PEE COVER PLATE	1
11	129114-01	BLOWER HOUSING	1
12	134324-03	FXS MOTOR FLANGE (SUNSTRAND)	1
13	129130-02	VENT EXHAUST - FAN SHROUD	1
14	134229-04	HYDRAULIC MOTOR	1
15	131846-01	C-2 SUCTION COVER	1
16	129000	HOSE CLAMP 4 1/2" (NOT SHOWN)	2
17	130665-04	BUSHING AND KEY	1
18	144819-01	HOPPER CANVAS (NOT SHOWN)	1
19	86164	BOLT, HEX 1/2 - 13 X 1 1/4"	42
20	83317	LOCKWASHER 1/2" SPRING STEEL	44
21	89988-04	BOLT, HEX 1/4 - 20 X 3/4" GD. 8	21
22	140429-01	VALVE COVER	1
23	139779-04	FLUSHING CAP LOCKING HANDLE	2
24	145147-01	LADDER	1
25	83752-04	LOCKWASHER 3/4" SPRING STEEL	4
26	83757	FLAT WASHER 3/8"	33
27	83056	LOCKWASHER 3/8"	10
28	OO891	BOLT, HEX 3/4 - 10 X 1 3/4"	1
29	139765-04	HORN BRACKET	2
30	145216-02	LIMIT SWITCH BRKT.	1
31	92235	LOCKNUT 3/8 - 16	20
32	96476	BOLT, HEX 3/8 - 16 X 1 1/4"" GD. 8	6
33	129095-01	BLOWER COLLECTOR	1
34	83065	LOCKWASHER 1/4" SPRING STEEL	21
35	84444	FLAT WASHER 1/4" STEEL	21
36	84332	BOLT, HEX 3/8 - 16 X 1"	3
37	83754	BOLT, HEX 1/2 - 13 X 1"	24

SB-2500B MAINFRAME ASSEMBLY
(149412-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
48	147258-03R	FLOWGATE ACCESS COVER (R.H.)	1
49	147258-03L	FLOWGATE ACCESS COVER (L.H.)	1
50	147463-04	HOSE SLEEVE 1 1/2" I.D. X 450"	1
51	147464-04	HOSE SLEEVE 2 1/2" I.D. X 412"	1
52	83055	NUT, HEX 3/8 - 16	2
53	147462-04	HOSE SLEEVE 1 " I.D. X 210"	4
54	N/A	PLATFORM	

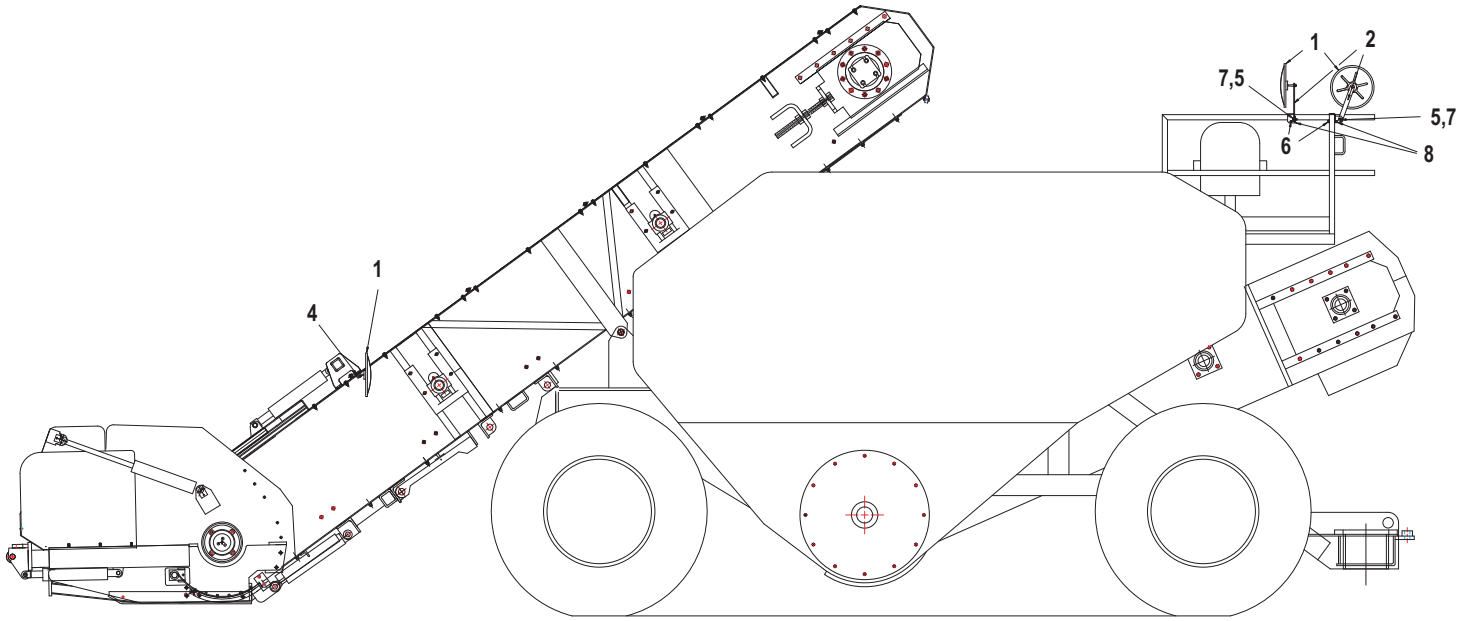
SB-2500B HOPPER FLOWGATE ASSEMBLY
(140182-01)



SB-2500B HOPPER FLOWGATE ASSEMBLY
(140182-01)

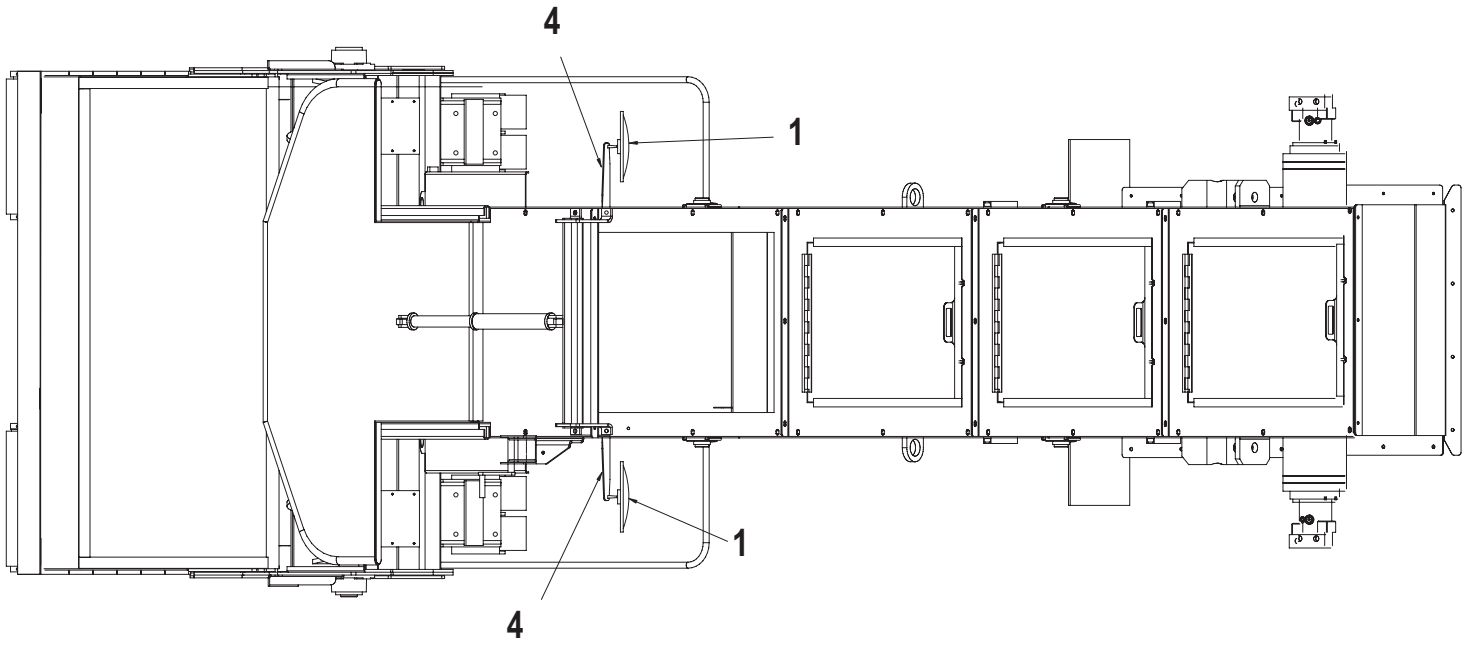
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	99891-02	RR. FLOWGATE TIE BAR	1
2	99892-02	FRT. FLOWGATE TIE BAR	1
3	99893-02	L.H. REAR FLOWGATE GUIDE BAR	1
4	99894-02	L.H. FRONT FLOWGATE GUIDE BAR	1
5	140116-01	RT. REAR FLOWGATE	1
6	140117-01	RT. FRONT FLOWGATE	1
7	140118-01	LT. REAR FLOWGATE	1
8	140119-01	LT. FRONT FLOWGATE	1
9	98012-02	R.H. FRONT FLOWGATE GUIDE BAR	1
10	98013-02	R.H. REAR FLOWGATE GUIDE BAR	1
11	83754	BOLT, HEX 1/2 - 13 X 1" GD. 8	8
12	83317	LOCKWASHER 1/2' SPRING STEEL	8
13	90511	SCREW, SOCKET HD. 1/2' - 13 X 2"	8

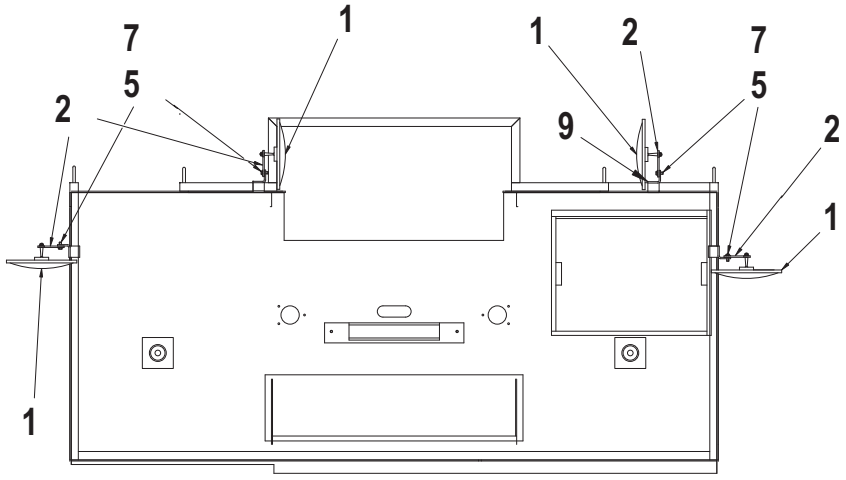
SB-2500B MIRRORS ASSEMBLY
(144370-01)



NOTE:
USE ITEM-8 FOR 1" PIPE RAIL ATTACHMENTS

SB-2500B MIRRORS ASSEMBLY
(144370-01)

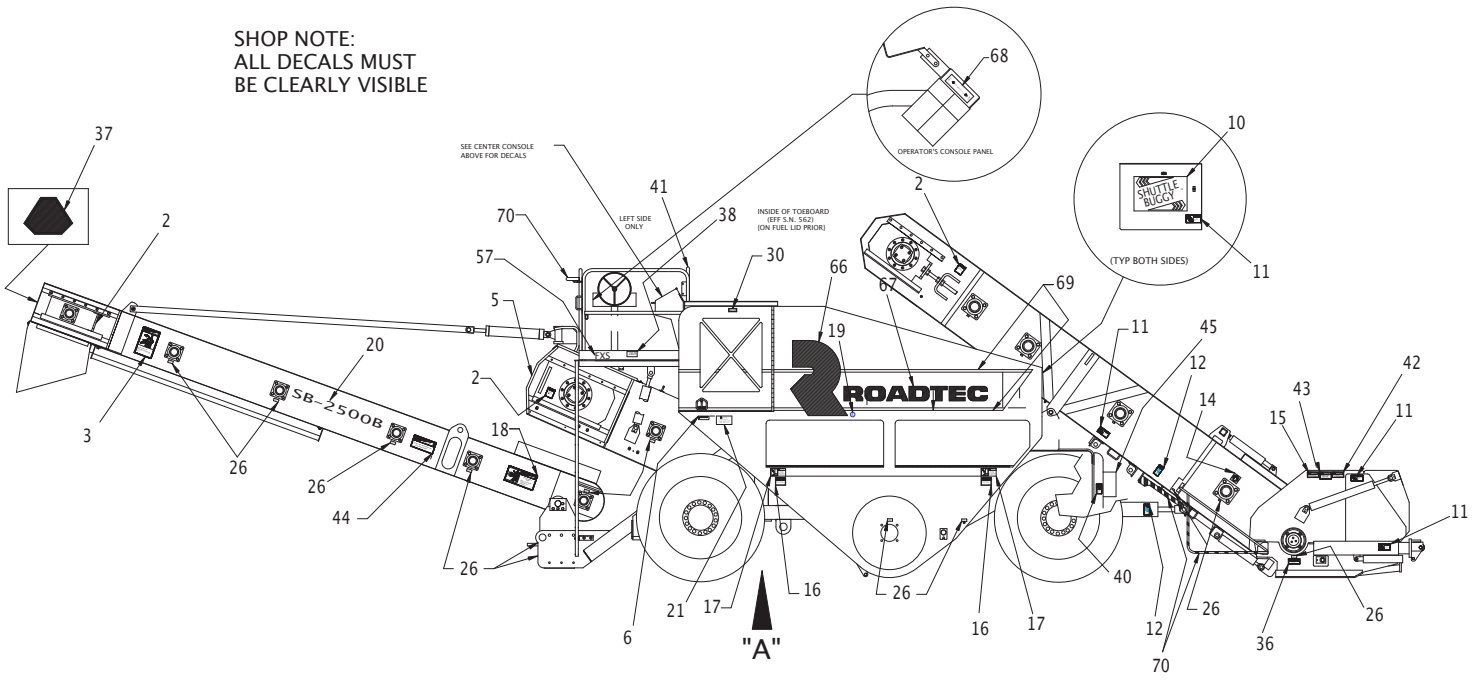




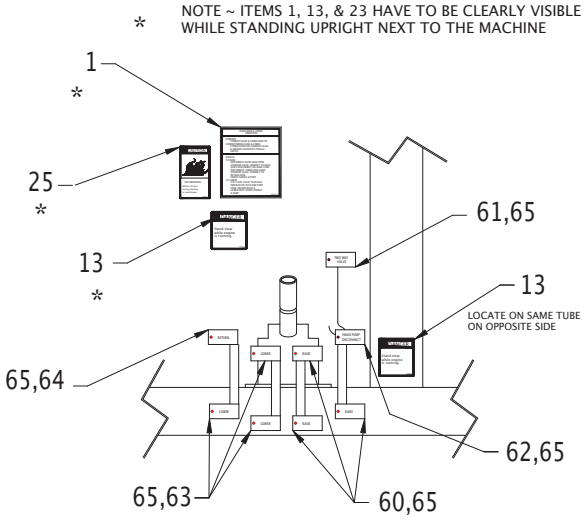
SB-2500B MIRRORS ASSEMBLY
(144370-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	133459-04	12" DIA. MIRROR	6
2	133460-04	MIRROR MOUNTING ARM	4
4	133462-04	C1 MIRROR MOUNTING BAR	2
5	84332	BOLT, HEX 3/8 - 16 X 1"	4
6	00876	BOLT, HEX 3/8 - 16 X 2 1/2"	4
7	83056	LOCKWASHER 3/8" SPRING STEEL	4
8	87339-C3	KIT - 1" CLAMP	4
9	87339-C4	KIT - 1" CLAMP	4

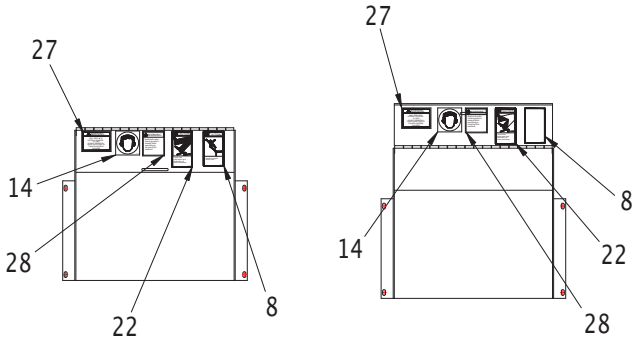
SB-2500B PAINT AND MARKINGS ASSEMBLY
(140079-01)



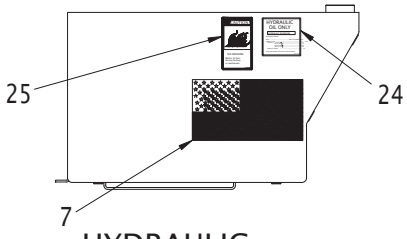
SB-2500B PAINT AND MARKINGS ASSEMBLY
(140079-01)



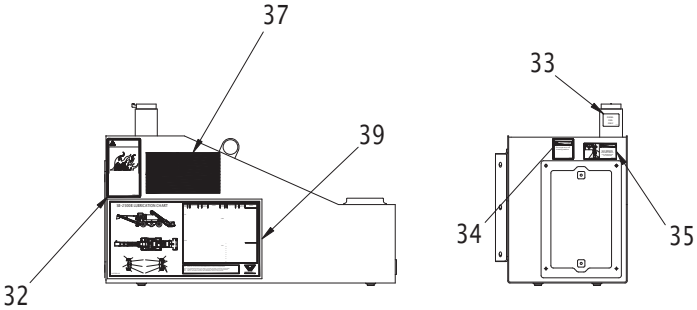
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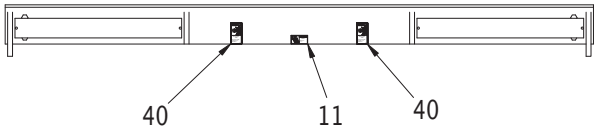
CENTER CONSOLE



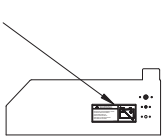
HYDRAULIC TANK



FUEL TANK



HYDRAULIC PUSH ROLLER



BATTERY BOX

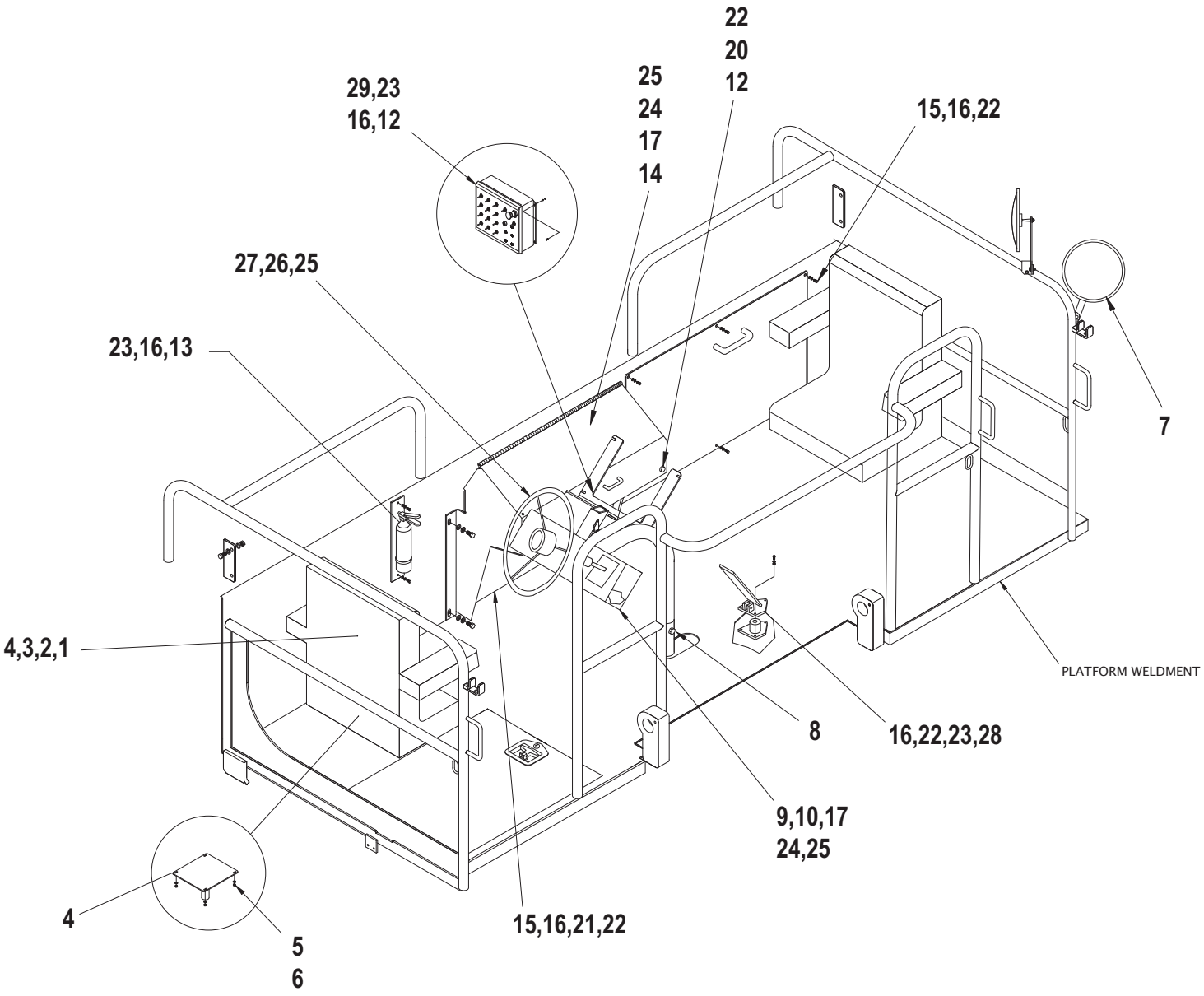
SB-2500B PAINT AND MARKINGS ASSEMBLY
(140079-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	123659-03	DECAL - HOOD RAISE DIRECTIONS	1
2	92819-04	DECAL - CONVEYOR ADJUSTMENT	6
3	148724-04	DECAL - WARNING CONVEYOR DISCHARGE	2
4	140204-04	DECAL - " SB-2500" (3")	2
5	92801-04	DECAL - WARNING DISCHARGE AREA	2
6	92870-04	DECAL - SERIAL NO. I.D. PLATE	1
7	95906-03	DECAL - AMERICAN FLAG - 8 1/4 X 15"	2
8	92846-04-1	DECAL - ROADTEC LOGO " R " 13 1/4" - RED	2
9			
10	95875-02	DECAL - SHUTTLE BUGGY - BLUE	2
11	92803-04	DECAL - PINCH POINT AREA	9
12	92797-04	DECAL - SET SAFETY BARS	4
13	92820-04	DECAL - STAND CLEAR	2
14	95882-04	DECAL - CAUTION	4
15	147769-04	DECAL - CAUTION DO NOT STAND	2
16	95871-04	DECAL - STAY CLEAR MACHINE IN OPERATION	4
17	127043-04	DECAL - INFLATE TIRES TO 75 P.S.I.	4
18	92794-04	DECAL - DANGER PINCH POINT (BIG)	2
19	131841-04	DECAL - REGISTERED MARK - 3/4" BLUE	2
20	145556-04	DECAL - 5 1/2" SB-2500B (C3 CONV. SIDE)	2
21	131690-04	DECAL - PATENT PLATE	1
22	92798-04	DECAL - CAUTION CLEAN WALKWAYS	2
23	99535-04	DECAL - WASHDOWN	1
24	95874-04	DECAL - HYDRAULIC OIL ONLY	1
25	92800-04-2	DECAL - CAUTION " NO SMOKING "	2
26	96088-04	DECAL - GREASE HERE (1" X 2")	26
27	95868-04	DECAL - MAX. SPEED WITH MAT'L.	2
28	92804-04	DECAL - READ OPERATORS MANUAL	2
29	92799-04	DECAL - INSTALL SAFETY CHAIN	2
30	89725-04	DECAL - WATER (REPL. 92725-04)	1
31	124130-04	DECAL - HYDRAULIC RESERVOIR	1
32	92800-04	DECAL - CAUTION NO SMOKING	1
33	95885-04	DECAL - DIESEL FUEL ONLY	1
34	92802-04	DECAL - CAUTION MOVING MACHINE	1
35	95876-04	DECAL - WARNING " NO RIDERS "	1
36	97602-04	DECAL - CAUTION PINCH POINT AREA	2
37	89716-04	DECAL - SLOW MOVING SAFETY	1
38	89715-04	DECAL - FUEL	1
39	145589-01	DECAL - LUBE CHART SB-2500 (ENGLISH)	1
40	93192-04	DECAL - PINCH POINT	4

SB-2500B PAINT AND MARKINGS ASSEMBLY
(140079-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	122129-04	DECAL - FIRE EXT.	1
42	97604-04	DECAL - CAUTION STAND CLEAR	2
43	97605-04	DECAL - CAUTION CLEAR HOPPER WINGS	2
44	124670-04	DECAL - DON'T USE CONV. AS LIFTING BOOM	2
45	122285-04	DECAL - C-1 JUNCTION BOX	1
46			
47			
48	83004-04	PAINT SUPPLY - FISH-EYE BAN 4oz. BOTTLE	1
49			
50	82996-04	PAINT SUPPLY - BLACK PAINT (GAL.)	6
51	82999-04	PAINT SUPPLY - HARDENER (QTS.)	9
52	122735	PRIMER - HI-BOND SERIES 35 WHITE (GAL.)	20
53	83001-04	PAINT SUPPLY - THINNER (LAQ.) R7K110 (GAL.)	5
54	120288	SPECIAL PUTTY - GLAZE (QT.)	1
55	125643	BLACK HI-BOND PRIMER SERIES #35 (GAL.)	5
56	92465	PAINT SUPPLY - HIGHLAND INT'L. WHITE (GAL.)	12
57	135910-04	DECAL - FXS TRADEMARK	2
58			
59			
60	123700-03-1	DECAL - RAISE TAG	2
61	123700-03-2	DECAL - 2-WAY VALVE TAG	1
62	123700-03-3	DECAL - HAND PUMP DISCONNECT	1
63	123700-03-4	DECAL - LOWER TAG	2
64	123700-03-5	DECAL - RETURN TAG	1
65	136165	WIRE TIES - 3/32" X 3 1/2" LG. (BLK.)	5
66	141342-01	DECAL - "R" 30" RED SB-2500B	2
67	141343-01	DECAL - STRIPES 192" LG. SB-2500B	2
68	121478-04	DECAL - HI / LO THROTTLE	1
69	143063	1" YELLOW STRIPING	440"
	129611	BLACK & YELLOW CAUTION TAPE	226"

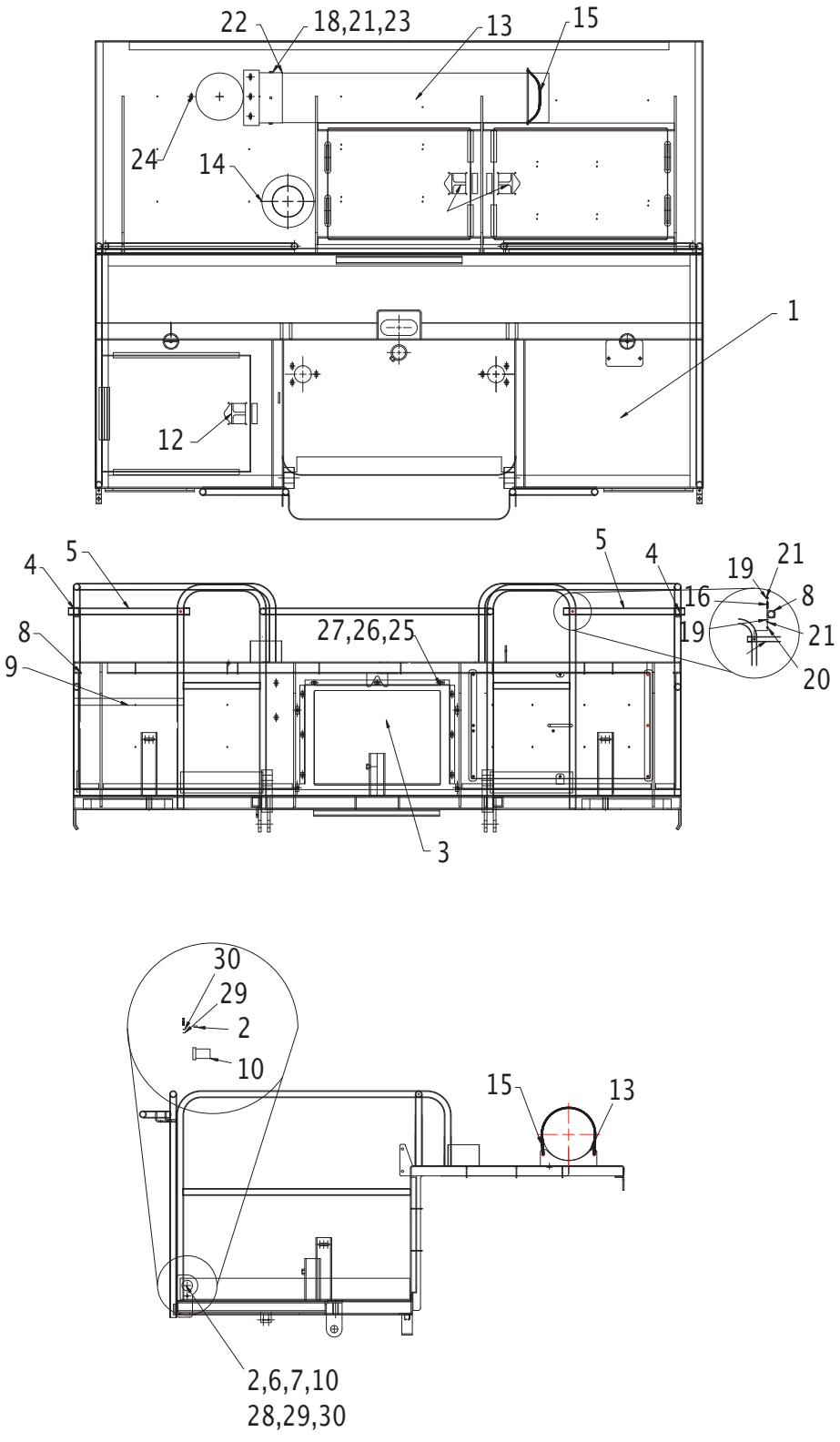
SB-2500B OPERATOR'S STATION
(139738-01)



SB-2500B OPERATOR'S STATION
(139738-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	27X58	SEAT W/ BOLT KIT	2
2	80292	SINGLE LOCKING ADJUSTER	2
3	87328-04	LOCK WASHER - 5/16 SPRING STEEL	8
4	87953-04	HEX NUT - 5/8 - 18	8
5	90871	FLAT WASHER - 5/16	8
6	128095-02	SEAT BASE WELDMENT	2
7	144370-01	MIRROR ASSYS.	1
8	122081-04	HANDLE - RATCHET TYPE	1
9	140071-01	OPERATORS MAIN CONSOLE	1
10	133842	SCREW, SELF-TAP HEX 1/4" X 3/4"	22
11	84431-04	BOLT, HEX 1/2 - 13 X 4"	2
12	89772	NUT, HEX 1/4 - 20	6
13	99583	FIRE EXTINGUISHER	1
14	120199-01	CENTER CONSOLE WELDMENT	1
15	89988-04	HEX BOLT - 1/4 - 20 X 3/4 LG.	16
16	83065	LOCK WASHER - 1/4 SPRING STEEL	26
17	83056	LOCK WASHER - 3/8 SPRING STEEL	4
18	83781-04	FLAT WASHER - 1/2	2
19	84401-04	LOCK WASHER - 1/2	2
20	O6330	RUBBER BUMPER	2
21	120201-02	CENTER CONSOLE FRONT COVER	1
22	84444	FLAT WASHER - 1/4	28
23	83113	HEX BOLT - 1/4 - 20 X 1 LG.	12
24	84332	HEX BOLT - 3/8 - 16 X 1 LG.	4
25	83757	FLAT WASHER - 3/8	8
26	89987-04	BOLT, WING 3/8 - 16 X 1"	2
27	O3913	STEERING WHEEL (REF. TO STEERING HYD.)	REF
28	O3915	STEERING WHEEL CAP (REF. TO STEERING HYD.)	REF
29	89045	STEERING WHEEL NUT (REF. TO STEERING HYD)	REF
30	99365	BRAKE ACCUATOR VALVE (REF. TO BRAKE HYD.)	REF
31	145414-01	STEERING CONTROL BOX (REF. TO ELEC.)	REF

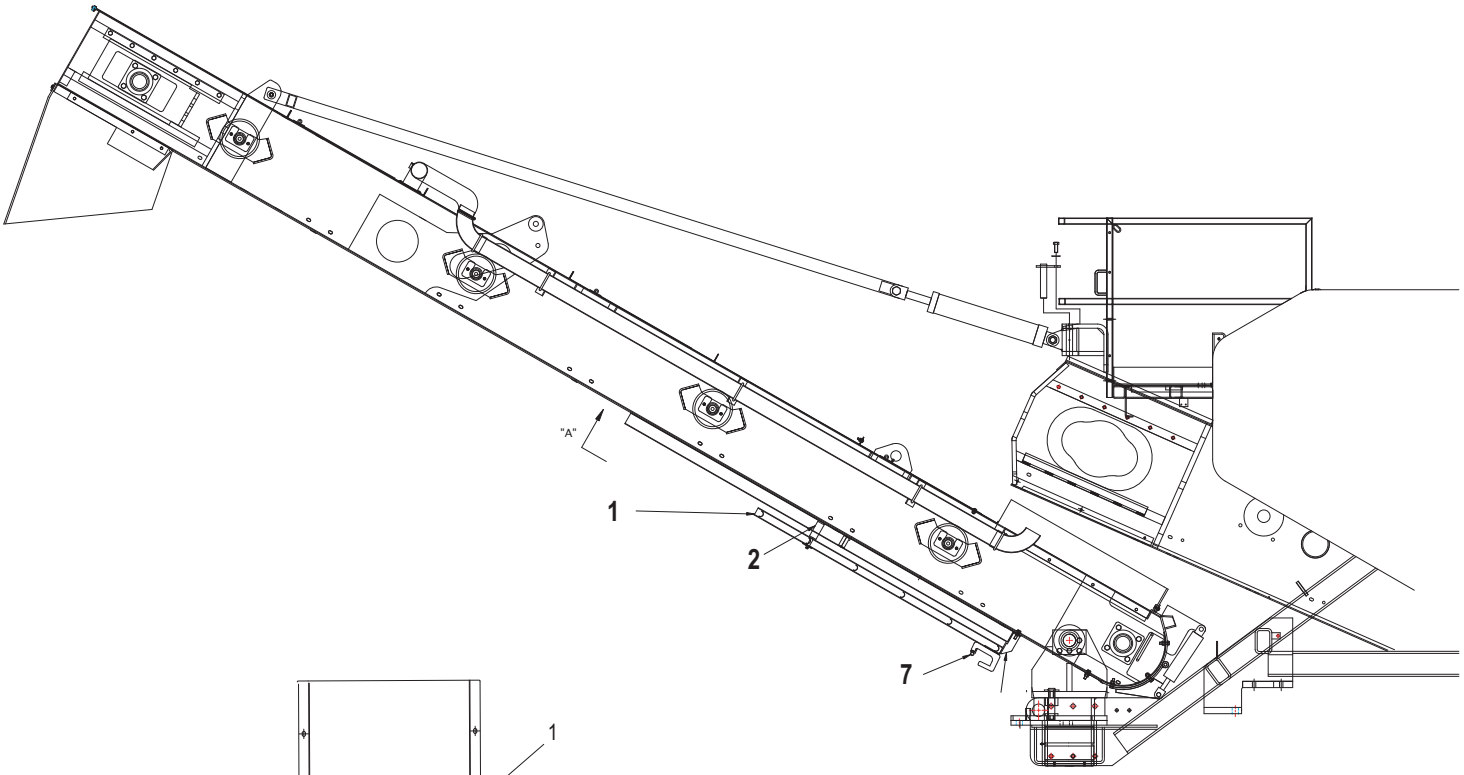
OPERATOR'S PLATFORM
(146424-01)

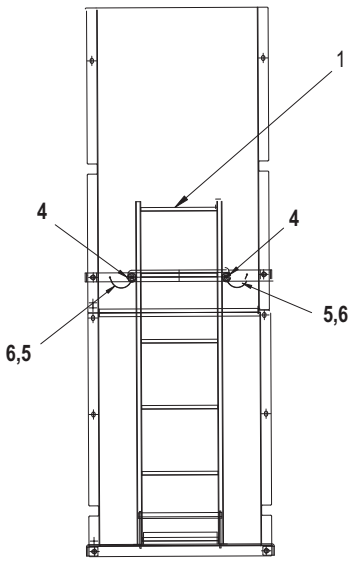


OPERATOR'S PLATFORM
(146424-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	141413-01	PLATFORM WELDMENT	1
2	140926-04	PLATFORM HINGE SPACER	2
3	141242-03	CENTER CONSOLE INSULATION COVER	1
4	141243-04	PLATFORM HANDRAIL - "D" RING	2
5	141069-04	PLATFORM GATE	2
6	141547-02R	ADJ. PLATFORM PIVOT LUG (RIGHT)	1
7	141547-02L	ADJ. PLATFORM PIVOT LUG (LEFT)	1
8	87339-C3	KIT - 1" PIPE CLAMP	4
9	144414-03	HANDRAIL OPENING SAFETY BAR	1
10	139759-03	PLATFORM PIVOT PIN	2
11	143074-01	OPERATORS PLATFORM INSULATION	1
12	139779-04	FLUSH CAP LOCKING HANDLE	3
13	129227-03	VENT PIPE - FUME X	1
14	93141	RAIN CAP	1
15	132040	BUNGIE CORD - 3/8" X 16"	1
16	86192	ALL-THREAD 3/8 - 16 X 3"	2
17			
18	83056	LOCKWASHER 3/8" STEEL	7
19	83757	FLAT WASHER 3/8" STEEL	4
20	92235	NUT, LOCK - 3/8"	2
21	83055	NUT, HEX 3/8 - 16 GD. 8	8
22	84332	BOLT, HEX 3/8 - 16 X 1"	7
23	89987-04	BOLT, WING 3/8 - 16 X 1	1
24	83113	BOLT, HEX 1/4 - 20 X 1"	9
25	84444	FLAT WASHER 1/4"	9
26	83065	LOCKWASHER 1/4"	9
27	93144	BOLT, HEX 1/2 - 13 X 1 1/2"	8
28	83781-04	FLAT WASHER 1/2"	8
29	83317-04	LOCKWASHER 1/2"	8
30	146182-01	SERVICE LADDER ASSY.	1

SB-2500B LADDER ASSEMBLY
(146182-01)





VIEW "A"

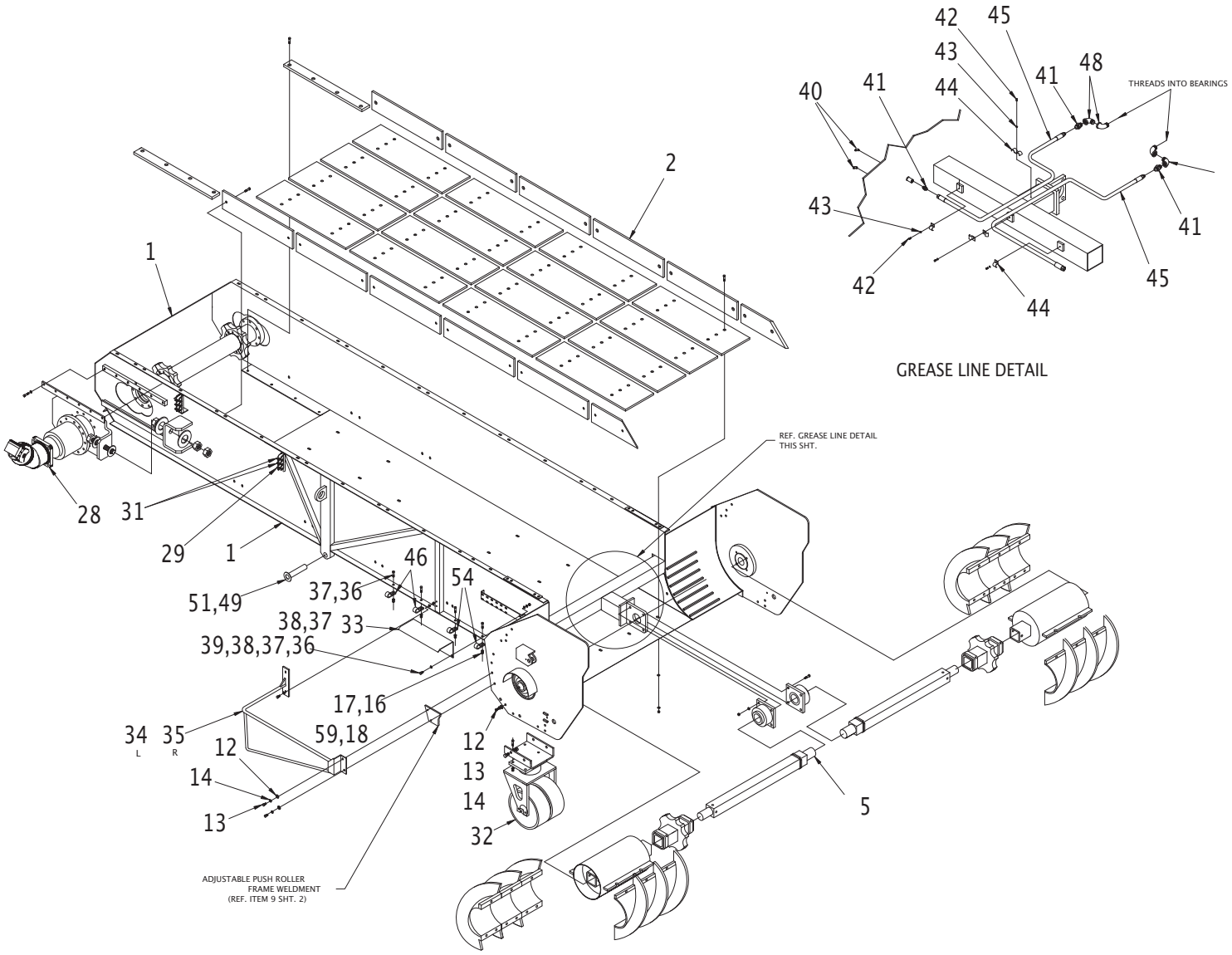
SB-2500B LADDER ASSEMBLY
(146182-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	146183-02	SERVICE LADDER	1
2	146184-02	LADDER BRACKET	1
3	146185-02	LADDER BRACKET	1
4	144993-04	LYNCH PIN	2
5	86556-04	1/16" AIRCRAFT CABLE X 12' LG.	2
6	86645-04	ALUMINUM SLEEVE	4
7	129894	BULB TRIM 5/8" SIDE MOUNT X 15' LG.	1

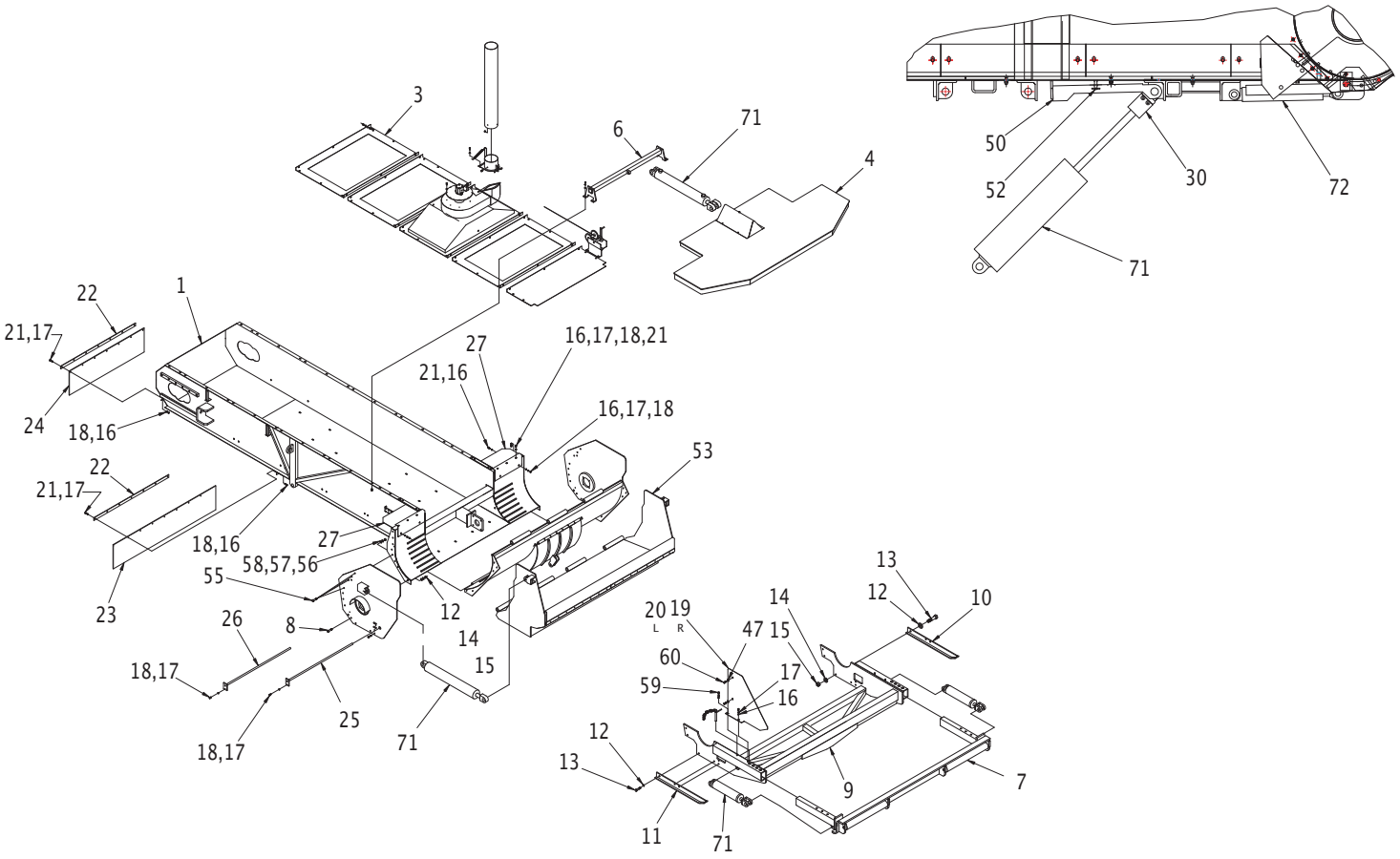
SECTION 3 : CONVEYORS

ASSEMBLY	PART NO.	S/N	PAGE NO.
C-1 CONVEYOR	149620-01	628 & UP	3.1
CHAIN &AUGER	145354-01	573 & UP	3.5
TOP COVER W/ FUME	142696-01		3.9
WEAR PLATES	142711-01	504 & UP	3.11
DUMP HOPPER	148781-01		3.13
VIBRATOR	133304-01	602 & UP	3.15
BAFFLE	141581-01	500 & UP	3.17
BAFFLE TROLLEY	141584-01	500 & UP	3.19
ADJ. PUSH ROLLER TROLLEY FRAME	149085-01	628 & UP	3.21
CASTER	142718-02		3.23
C-2 CONVEYOR	145313-01	582 & UP	3.25
C-3 CONVEYOR	149433-01	625 & UP	3.32
TOP COVER W/ FUME	145562-01	575 & UP	3.37
C-3 CHAIN	138907-02		3.39
IDLER ROLLER	143264-03	520 & UP	3.41
C-1 / C-3 DRIVE GEAR BOX	142347-01		3.43

SB-2500B C-1 CONVEYOR ASSEMBLY
(149620-01)



SB-2500B C-1 CONVEYOR ASSEMBLY
(149620-01)



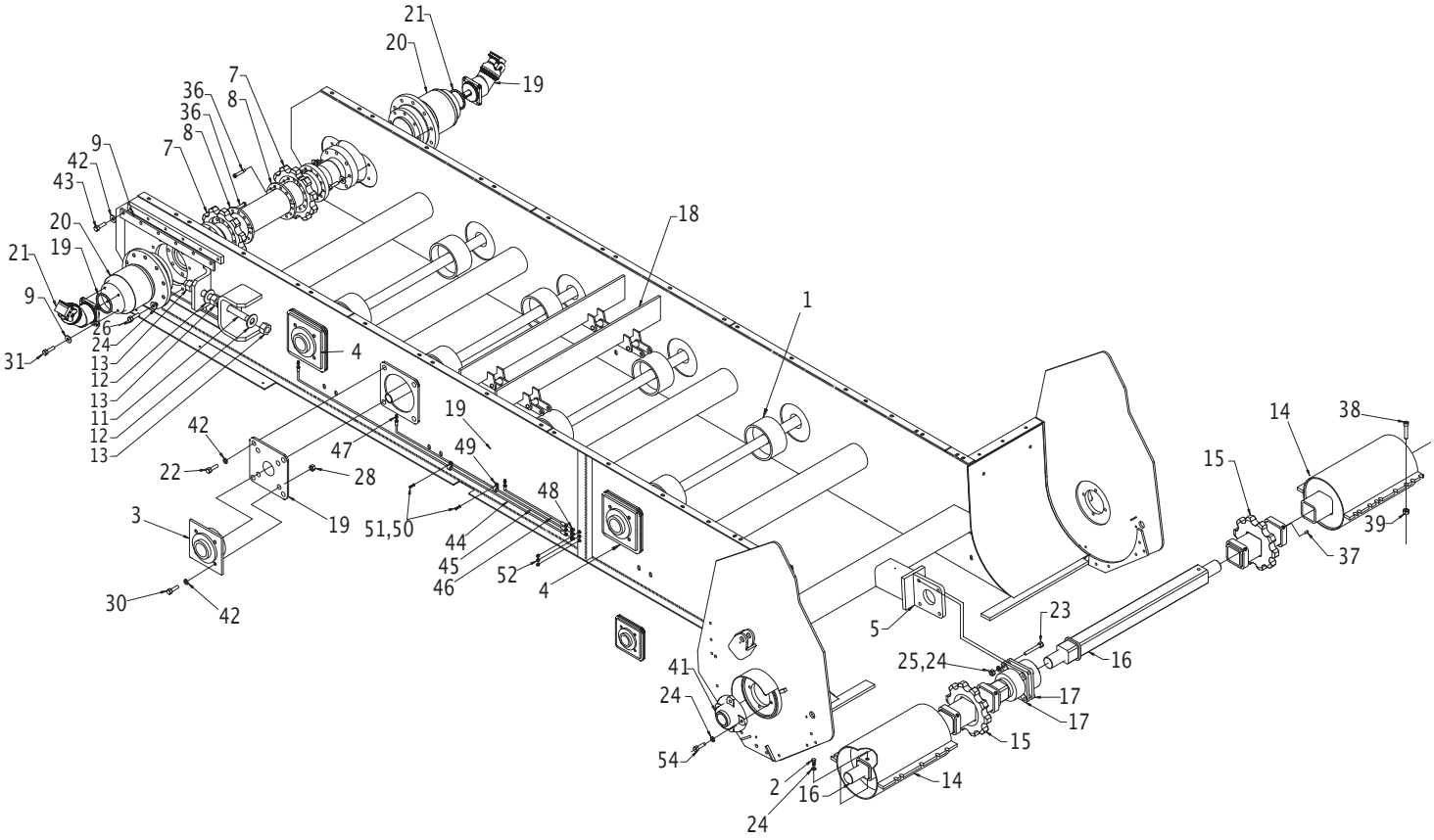
SB-2500B C-1 CONVEYOR ASSEMBLY
(149620-01)

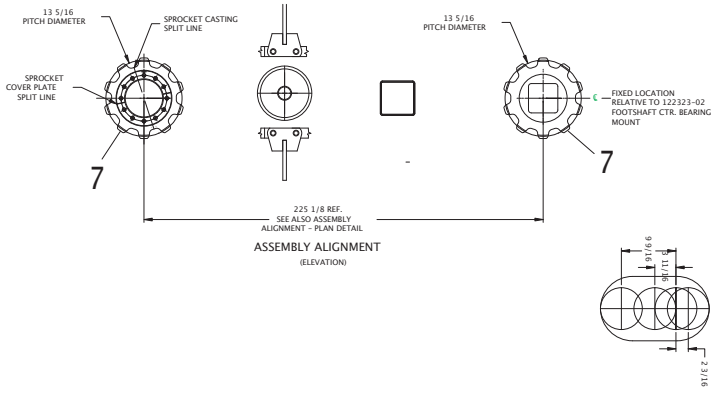
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	145537-01	C-1 CONVEYOR	1
2	142711-01	C-1 CONVEYOR WEAR PLATES	1
3	142696-01	TOP COVER & FUME EXTRACTION SUB-ASSY.	1
4	141581-01	C-1 BAFFLE	1
5	145354-01	C-1 CHAIN & AUGER ASSY.	3
6	133353-01	HYD. BAFFLE CROSSBAR	1
7	149085-01	HYD. PUSH ROLLER	1
8	96041	BOLT, HEX 5/8 - 11 X 2"	4
9	134371-01	ADJ. PUSH ROLLER FRAME	1
10	131451-03L	L.H. SKID RUNNER	1
11	131451-03R	R.H. SKID RUNNER	1
12	85147	WASHER, FLAT 5/8" STEEL	16
13	89245	BOLT, HEX 5/8 - 11 X 3 1/2" GD. 8	12
14	84717	LOCKWASHER 5/8"	16
15	85148	NUT, HEX 5/8 - 11 GD. 8 Z	16
16	83781-04	WASHER, FLAT 1/2" STEEL	28
17	83317	LOCKWASHER 1/2" SPRING STEEL GD. 8	28
18	83288	NUT, HEX 1/2 - 13 GD. 8	28
19	137597-02	R.H. PUSH ROLLER / HITCH SAFETY PLATE	1
20	137598-02	L.H. PUSH ROLLER / HITCH SAFETY PLATE	1
21	93144	BOLT, HEX 1/2 - 13 X 1 1/2" GD. 8	30
22	99159-03	CLAMP BAR	2
23	99158-03	RUBBER FLASHING	1
24	99580-03	RUBBER FLASHING	1
25	99183-03	DUMP HOPPER PIVOT PIN	2
26	122019-03	DUMP HOPPER LINER PIVOT PIN	2
27	138040-03	CONTROL COVER GUARD PLATE	2
28	137400-04	MOTOR - BENT AXIS 63 CC / REV	2
29	149015	CLAMP - MOUNTING FOR 1 1/8" O.D. HOSE	4
30	139371-04	CYLINDER STOP	4
31	11K76	CLAMP, HOSE 1 1/4" O.D.	8
32	142718-02	CASTER	2
33	134208-01	C-1 VALVE COVER	1
34	147824-01L	SAFETY BAR (L.H.)	1
35	147824-01R	SAFETY BAR (R.H.)	1
36	83055	NUT, HEX 3/8 - 16 GD. 8	8
37	83056	LOCKWASHER 3/8" SPRING STEEL	8
38	83757	WASHER, FLAT 3/8" STEEL	10
39	84332	BOLT, HEX 3/8 - 16 X 1" GD. 8	8
40	89462-04	GREASE FITTING 1/8" NPT 90	2

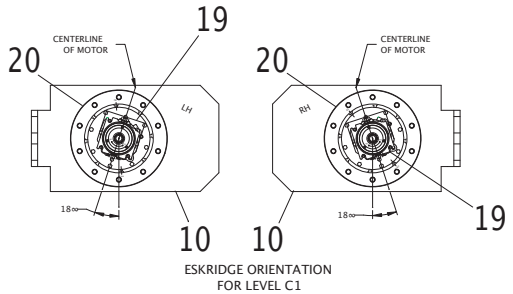
SB-2500B C-1 CONVEYOR ASSEMBLY
(149620-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	83742-04	CONNECTOR - 1/4 TO 8 JIC ST..	4
42	89988-04	BOLT, HEX 1/4 - 20 X 3/4" GD. 8Z	3
43	83065	LOCKWASHER 1/4" SPRING STEEL	3
44	80539-04	CLAMP, CONDUIT 3/8" STEEL	4
45	122279	GREASE LINE - 50 1/2" LG. W/ 4 JIC SW. END	2
46	95966	CLIP - 3/4" HOSE FOR 3/8" BOLT	6
47	10D63	FLAT WASHER 1/2" HARD	6
48	86093-04	FITTING - 1/8" NPT 90 STREET	4
49	99165-04	PIN - PIVOT	2
50	137502-01	SAFETY BAR	2
51	27D87	COTTER PIN 3/8 X 3 1/2"	2
52	144993-04	LYNCH PIN 3/16"	2
53	148781-01	DUMP HOPPER	1
54	16P29	CLAMP - BOLT SIZE 1/2" HOSE	2
55	93071	BOLT, HEX 3/4 - 10 X 2"	8
56	83133	FLAT WASHER 3/4" STEEL	8
57	83752-04	LOCKWASHER 3/4" SPRING STEEL	8
58	84071-04	NUT, HEX 3/4 - 10 GD. 8	8
59	83754	BOLT, HEX 1/2 - 13 X 1"	8
60	23V93	BOLT, HEX 1/2 - 13 X 3/4"	4

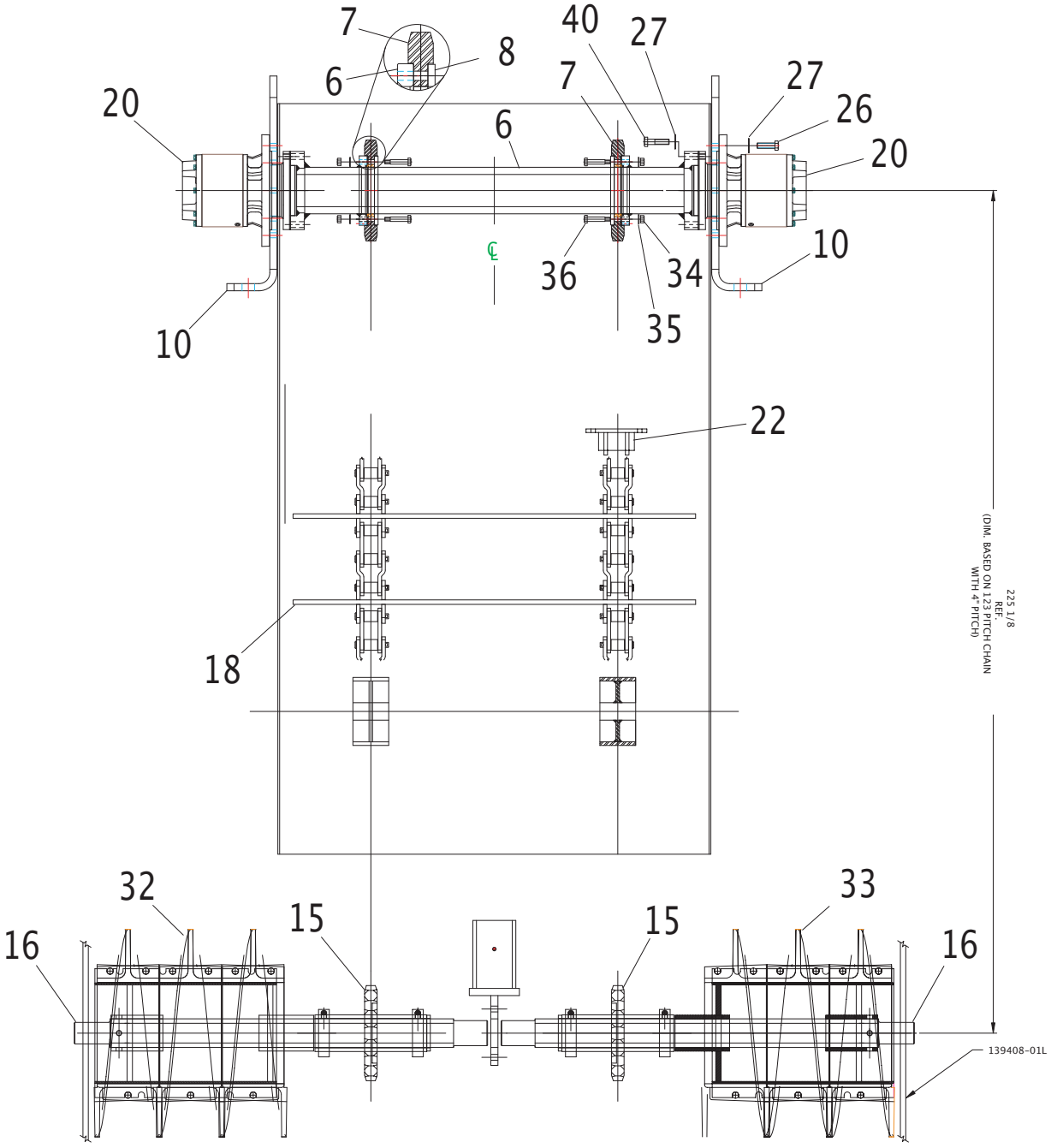
CHAIN AND AUGER SUB-ASSEMBLY
(145354-01)







CHAIN AND AUGER SUB-ASSEMBLY
(145354-01)



ASSEMBLY ALIGNMENT
(PLAN)

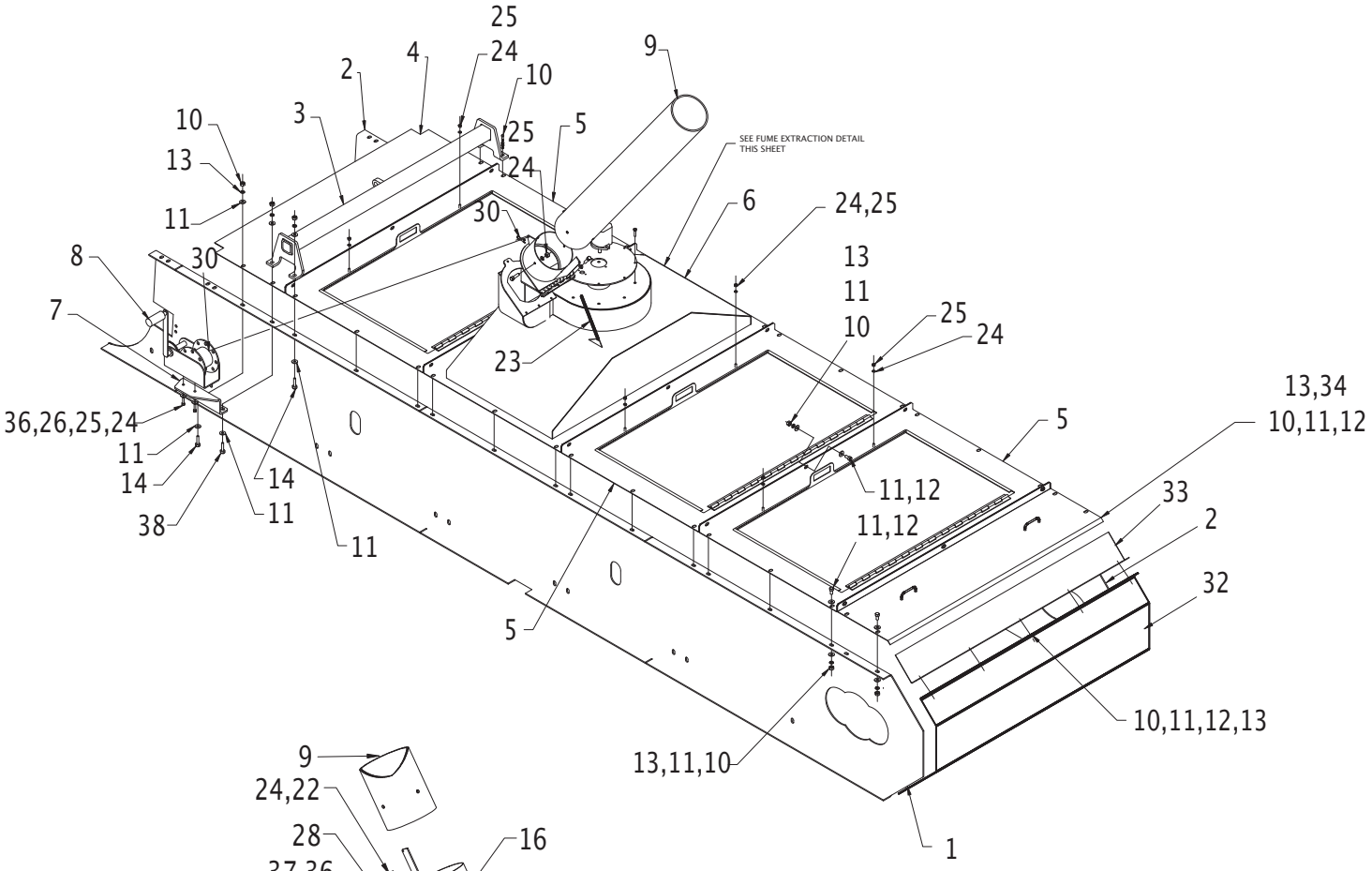
CHAIN AND AUGER SUB-ASSEMBLY
(145354-01)

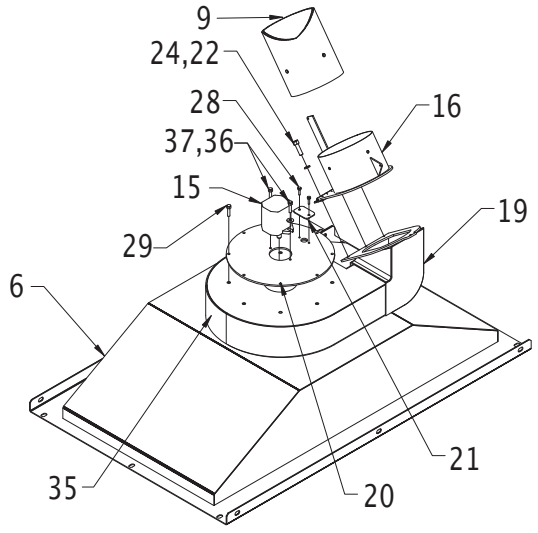
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	145488-01	C-1 IDLER ROLLER SHAFT	4
2	123379	BOLT, HEX 3/4 - 16 X 1 3/4" GD. 8	4
3	88993-04	BEARING - 4 BOLT FLANGE FOR 2 7/16" SHAFT	8
4	145490-03	MOUNTING PLATE - C1 IDLER BEARINGS	4
5	122323-02	C-1 FOOTSHAFT CTR. BEARING MOUNT	
6	138593-01	HEADSHAFT	1
7	139350-02	SPROCKET C-1 / C-2 DRIVE	2
8	136665-04	SPROCKET COVER PLATE	8
9	122419-03	UPPER KEEPER BAR	2
10	122404-01	C-1 TAKE-UP	2
11	99060-04	TAKE-UP SCREW	2
12	83032	WASHER, FLAT 1 1/2" N SERIES	8
13	83031	NUT, HEX 1 1/2 - 6 GD. 8	6
14	122583-01	AUGER MOUNTING TUBE	2
15	140836-01	10 T. SPROCKET (C-1 FOOTSHAFT)	2
16	122598-01	CONVEYOR FOOTSHAFT	2
17	27M97	BEARING 3 1/2" PILOTED (FOOTSHAFT)	2
18	138905-02	C-1 CONVEYOR CHAIN ASSY.	1
19	145494-02	MIDDLE MOUNTING PLATE - C1 IDLER BEARINGS	4
20	145338-01	TRANS. GEARBOX C-1 & C-3 CONVEYORS	2
21	97489	O-RING KIT 70D	2
22	84778	BOLT, HEX 5/8 - 11 X 1 1/2" GD. 8	32
23	97342	BOLT, HEX 3/4 - 10 X 4 3/4"	4
24	83752-04	LOCKWASHER 3/4" SPRING STEEL	12
25	84071-04	NUT, HEX 3/4 - 10 ASTM 563-A GD. 8	4
26	93189	BOLT, HEX 3/4 - 10 X 2 1/4"	20
27	95937	WASHER, FLAT 3/4" HARD	20
28	85148	NUT, HEX 5/8 - 11 GD. 8	32
29	83317	LOCKWASHER 1/2" SPRING STEEL	20
30	96041	BOLT, HEX 1/2 - 13 X 2"	32
31	93144	BOLT, HEX 1/2 - 13 X 1 1/2"	4
32	96003-01	FLIGHT, 8 3/4 PITCH AUGER (L.S.)	6
33	96004	FLIGHT, 8 3/4 PITCH AUGER (R.S.)	6
34	139741-04	NUT, CTR. LOCK 1/2 - 13 GD.8	24
35	10D63	WASHER, HARD 1/2" A325	24
36	138651-04	BOLT, SHOULDER 5/8 X 2 1/2"	24
37	125532	SCREW, CUP PT SET 3/4 - 10 X 1 1/2"	4
38	95834	SCREW, SHCS 3/4 - 10 X 4"	12
39	88164	NUT, LOCK 3/4 - 10 GD. 8	20
40	122336	BOLT, HEX 3/4 - 16 X 3" GD. 8	16

CHAIN AND AUGER SUB-ASSEMBLY
(145354-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	122266-04	BEARING, ROLLER 3" DIA.	2
42	84717	LOCKWASHER 5/8" SPRING STEEL	64
43	89143	BOLT, HEX 5/8 - 11 X 1 3/4"	12
44	134176-04	GREASE LINE - 1/4' X 125" W/ 4 JIC SW	2
45	134178-04	GREASE LINE - 1/4' X 85" W/ 4 JIC SW	2
46	144367-04	GREASE LINE - 1/4" X 36" W/ 4 JIC SW	2
47	83742-04	FITTING - 4 JIC X 1/8 NPT ST ADAPTER	6
48	84560-04	FITTING - 4 JIC X 1/8 NPT 90 ADAPTER	6
49	80539-04	CLAMP - 3/8" CONDUIT (METAL)	8
50	89773	BOLT, HEX 1/4 - 20 X 1" GD. 8	4
51	83065	LOCKWASHER 1/4" SPRING STEEL	4
52	83416	GREASE FITTING - 1/8" NPT STRAIGHT	6
53	131705	GREASE LINE - 20" W/ 4 JIC ENDS (NOT SHOWN)	2
54	96041	BOLT, HEX 5/8 - 11 X 2" GD. 8	8

TOP COVER AND FUME EXTRACTION
(142696-01)



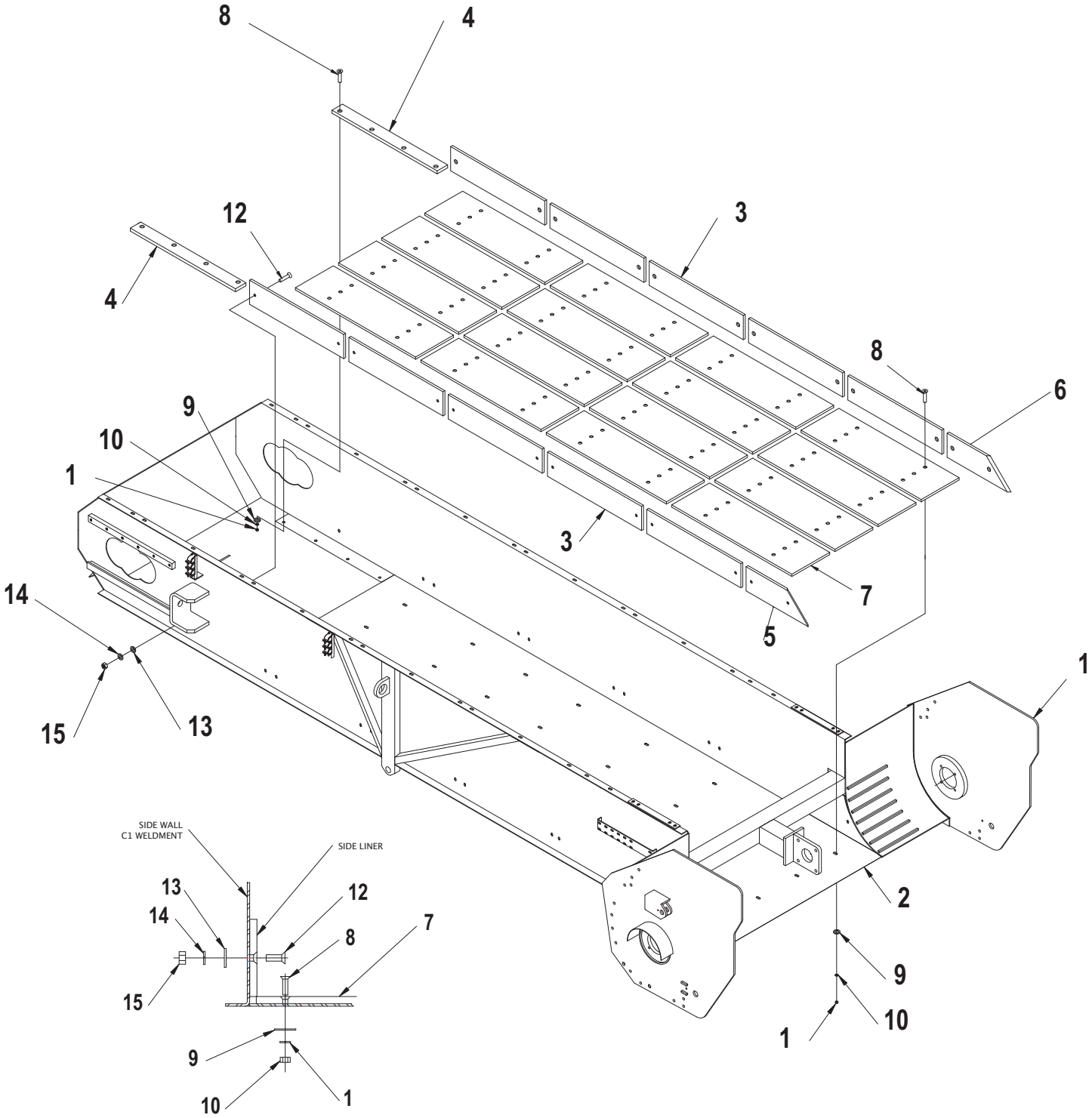


FUME EXTRACTION DETAIL

TOP COVER AND FUME EXTRACTION
(142696-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	139370-01	SIDE PLATE L.H.	
2	139369-01	SIDE PLATE R.H.	
3	133353-01	HYD. BAFFLE CROSSBAR	
4	122767-01	COVER PLATE MOVEABLE BAFFLE	1
5	133945-01	TOP COVER PLATE C-1 CONVEYOR	3
6	129060-01	FUME CONTROL DEFLECTOR	1
7	134331-03	WINCH MOUNT	1
8	142469-04	WINCH 600 lbs.	1
9	129227-03	VENT PIPE	1
10	83288	NUT, HEX 1/2 - 13 GD. 8	53
11	83781-04	WASHER, FLAT 1/2" STEEL	106
12	86164	BOLT, HEX 1/2 - 13 X 1 1/4"	47
13	83317	LOCKWASHER 1/2" SPRING STEEL GD. 8	53
14	84674	BOLT, HEX 1/2 - 13 X 2" PARTICAL THR'D.	5
15	134229-04	MOTOR, HYD. 1.03 CID (SUNDSTRAND)	1
16	134543-02	FAN SHROUD VENT EXT'N.	1
17			
18	127709	CABLE 1/8" 7 X 9	108
19	129135-01	C-1 BLOWER SHROUD	1
20	134686-01	BLOWER MOTOR MTG. PLATE (SUNDSTRAND)	1
21	134687-04	INSPECTION COVER	1
22	84332	BOLT, HEX 3/8 - 16 X 1" GD.8	7
23	133967-04	SPRING 1/2" OD X 10" LG. 1/16 WIRE	1
24	83056	LOCKWASHER 3/8"	15
25	83055	NUT, HEX 3/8 - 16 GD. 8	12
26	83757	WASHER, FLAT 3/8"	2
27	83924	BOLT, HEX 3/8 - 16 X 1 1/2" GD. 8	2
28	83114	BOLT, HEX 1/4 - 20 X 1/2" GD. 8	2
29	86127-04	BOLT, HEX 3/8 - 16 X 3/4" GD. 8	18
30	142600-04	CRIMP 1/8" WIRE ROPE	2
31			
32	143801-02	C-1 END PLATE	REF
33	144506-02	TOP END PLATE C-1 CONVEYOR	1
34	122765-02	TOP COVER PLATE C-1 CONVEYOR	1
35	124946	FUME-X IMPELLER & BLOWER HOUSING	REF
36	96476	BOLT, HEX 3/8 - 16 X 1 1/4"	2
37	92235	LOCKNUT 3/8"	2
38	93121	BOLT, HEX 1/2 - 13 X 2 1/2"	1
39	130665-04	KEYBAR & BUSHING	REF

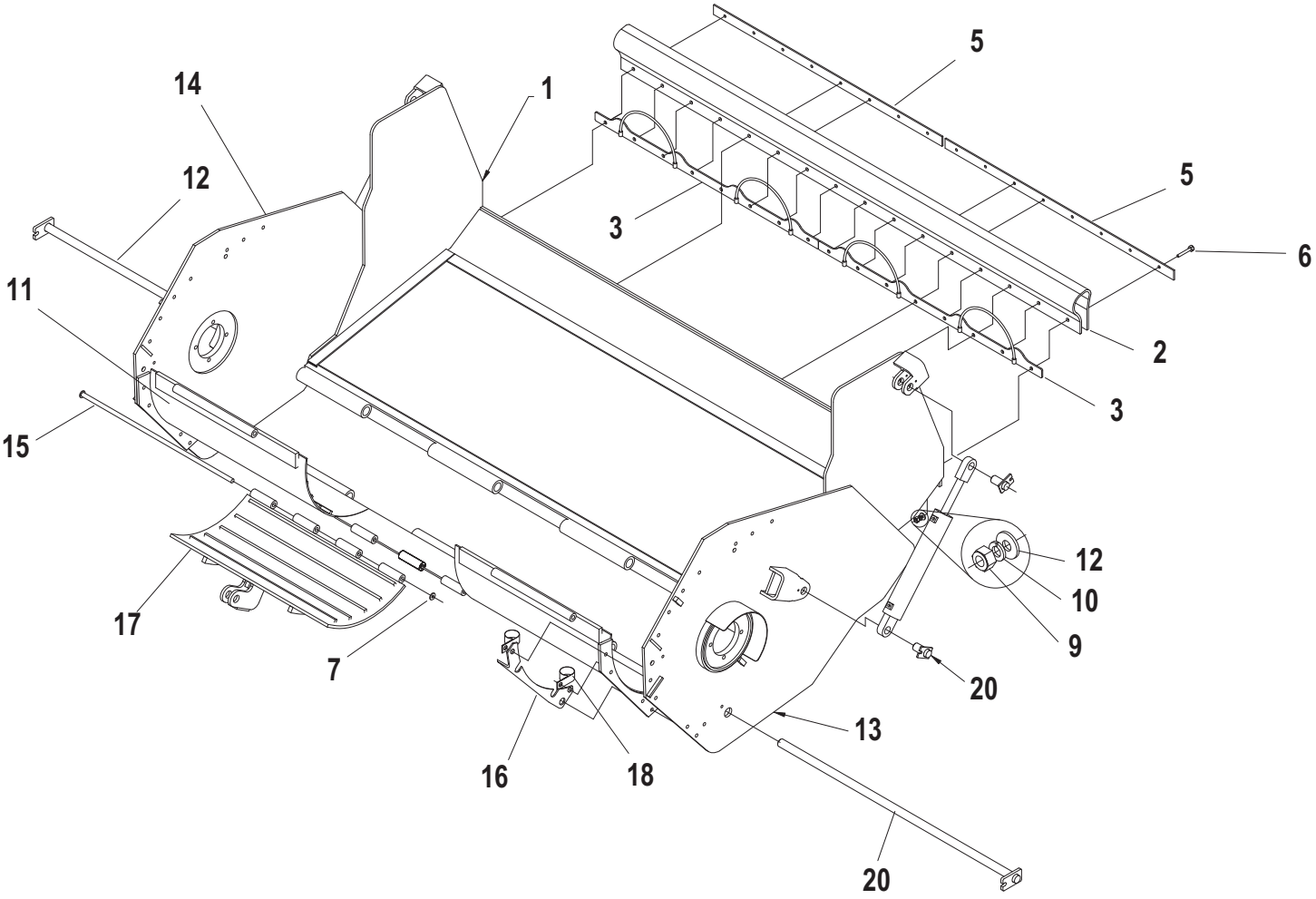
C-1 WEAR PLATE SUB-ASSEMBLY
(142711-01)



C-1 WEAR PLATE SUB-ASSEMBLY
(142711-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1		C-1 CONVEYOR	
2			
3	137682-03	C-1 SIDE LINER	10
4	99056-03	C-1 WEAR PLATE	2
5	137683-03R	R.H. C-1 SIDE LINER	1
6	137683-03L	L.H. C-1 SIDE LINER	1
7	98961-03	CASTING - WEAR PLATE BLANK (C-1 BOTTOM)	16
8	29C18	BOLT, C'SUNK 1/2 - 13 X 1 3/4"	40
9	83781-04	FLAT WASHER 1/2" STEEL	40
10	83317	LOCKWASHER 1/2" SPRING STEEL	40
11	83288	NUT, HEX 1/2 - 13 GD. 8	40
12	91223-04	BOLT, C'SUNK 5/8 - 11 X 1 3/4"	24
13	85147	FLAT WASHER 5/8" STEEL	24
14	84717	LOCKWASHER 5/8" SPRING STEEL	24
15	85148	NUT, HEX 5/8 - 11 GD. 8	24

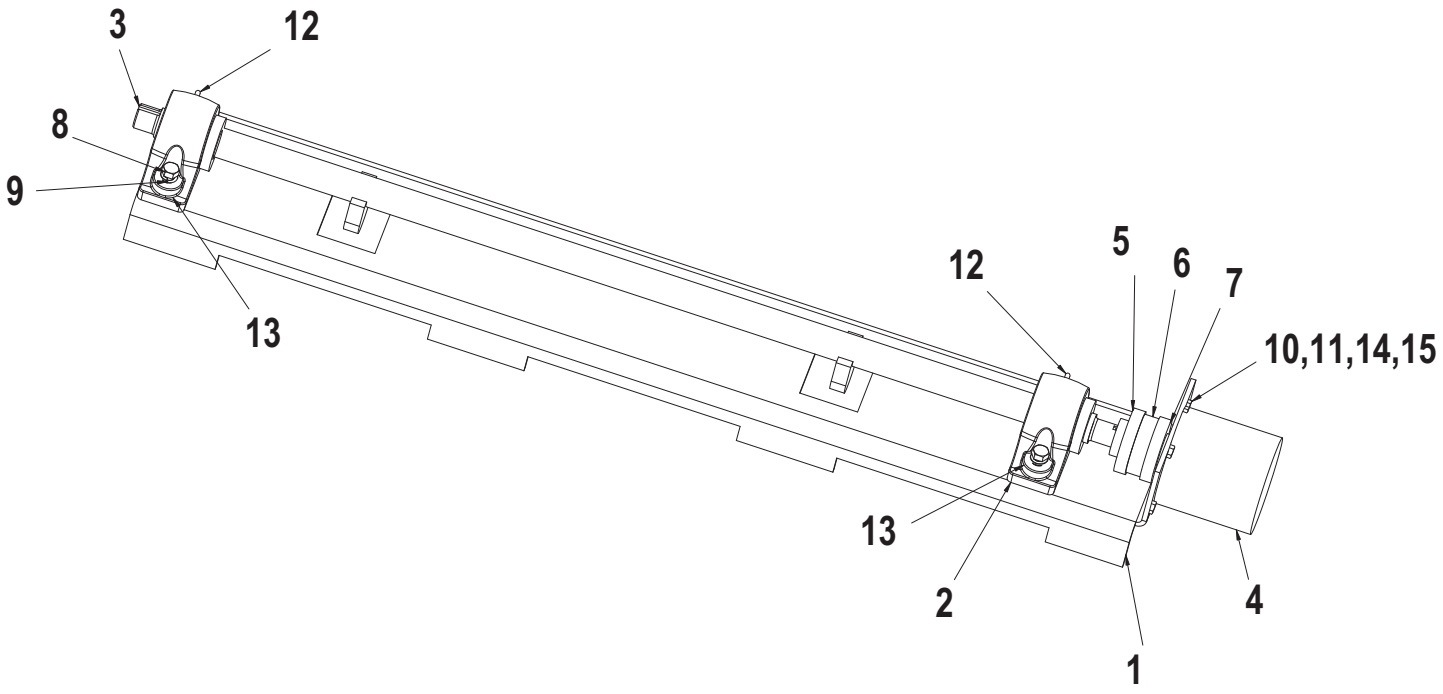
DUMP HOPPER ASSEMBLY
(148781-01)



DUMP HOPPER ASSEMBLY
(148781-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	130590-01	ROLLER / HITCH DUMP HOPPER	1
2	99218-02	RUBBER FLASHING	1
3	143620-03	FLASHING SUPPORT	2
4	133304-01	VIBRATOR ASSY. (NOT SHOWN)	1
5	96008-03	RUBBER RETAINING BAR	2
6	121809	BOLT, HEX 3/8 - 16 X 3 1/2"	16
7	83781-04	WASHER, FLAT 1/2" STEEL	1
8	83924	BOLT, HEX 3/8 - 16 X 1 1/2'	3
9	83055	NUT, HEX 3/8 - 16 GD. 8	16
10	83056	LOCKWASHER 3/8" SPRING STEEL	19
11	139400-01	C-1 HOPPER	1
12	83757	WASHER, FLAT 3/8" STEEL	2
13	139408-01R	R.H. END PLATE	1
14	139408-01L	L.H. END PLATE	1
15	128297-03	PIVOT ROD - CLEAN-OUT DOOR	1
16	120806-02	HOSE PROTECTOR PLATE	1
17	128165-01	DUMP HOPPER LINER DOOR	1
18	16P29	CLAMP 1/2" HOSE	2
19	REF	DUMP HOPPER PIVOT PIN	
20	REF	C-1 DUMP HYD. ASSEMBLY	

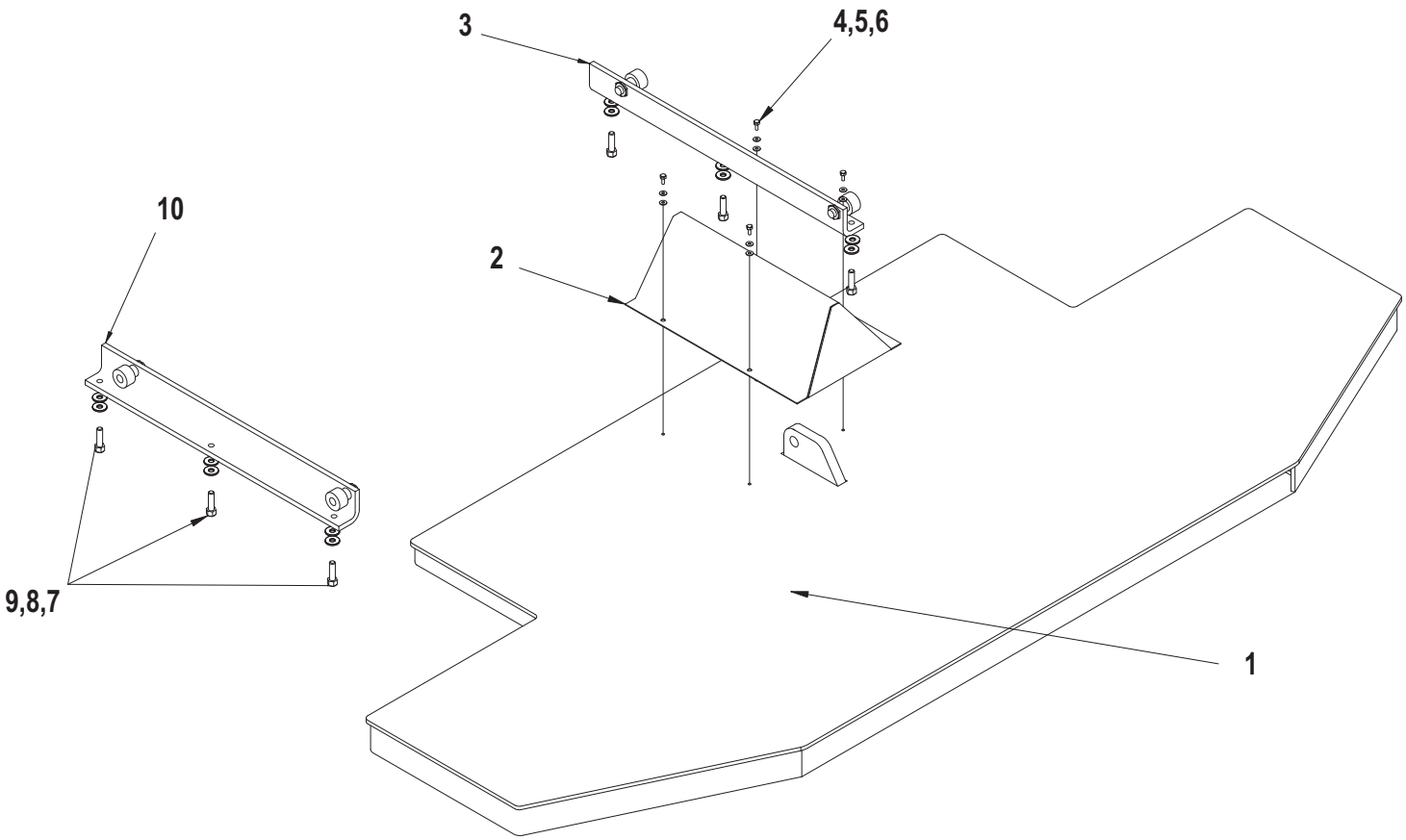
DUMP HOPPER VIBRATOR ASSEMBLY
(133304-01)



DUMP HOPPER VIBRATOR ASSEMBLY
(133304-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	133303-01	VIBRATOR BASE 12 3/8 X 55 3/4"	
2	97617	BEARING - 1 1/2" NON-EXPANDABLE	2
3	140591-02	VIBRATOR SHAFT	1
4	99933	VIBRATOR MOTOR	1
5	131918-04	S FLEX COUPLING	1
6	131920-04	S FLEX COUPLING	1
7	131919-04	S FLEX COUPLING	1
8	93121	BOLT, HEX 1/2 - 13 X 2 1/2" GD. 8	4
9	83317	LOCKWASHER 1/2"	4
10	96476	BOLT, HEX 3/8 - 16 X 1 1/4" GD. 8	2
11	83757	FLAT WASHER 3/8" STEEL	4
12	89462-04	GREASE FITTING 1/8" NPT 90	2
13	10D63	WASHER 1/2"	4
14	83055	NUT, HEX 3/8 - 16 GD. 8	4
15	83056	LOCKWASHER 3/8"	4

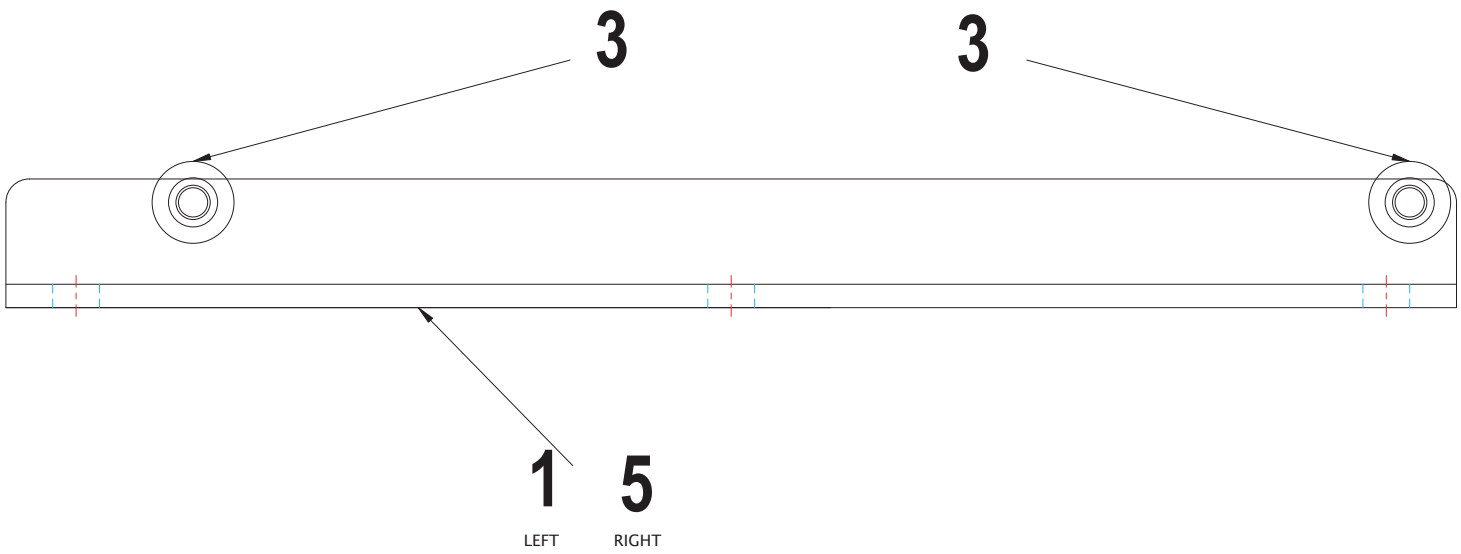
C-1 BAFFLE SUB-ASSEMBLY
(141581-01)



C-1 BAFFLE SUB-ASSEMBLY
(141581-01)

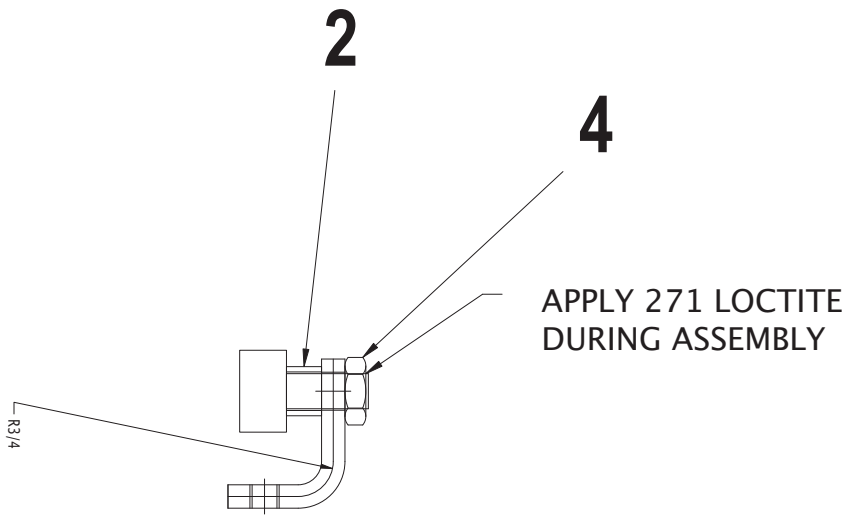
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	133303-01	VIBRATOR BASE 12 3/8 X 55 3/4"	
2	97617	BEARING - 1 1/2" NON-EXPANDABLE	2
3	140591-02	VIBRATOR SHAFT	1
4	99933	VIBRATOR MOTOR	1
5	131918-04	S FLEX COUPLING	1
6	131920-04	S FLEX COUPLING	1
7	131919-04	S FLEX COUPLING	1
8	93121	BOLT, HEX 1/2 - 13 X 2 1/2" GD. 8	4
9	83317	LOCKWASHER 1/2"	4
10	96476	BOLT, HEX 3/8 - 16 X 1 1/4" GD. 8	2
11	83757	FLAT WASHER 3/8" STEEL	4
12	89462-04	GREASE FITTING 1/8" NPT 90	2
13	10D63	WASHER 1/2"	4
14	83055	NUT, HEX 3/8 - 16 GD. 8	4
15	83056	LOCKWASHER 3/8"	4

TROLLEY SUB-ASSEMBLY
(141584-01)



1 AS SHOWN

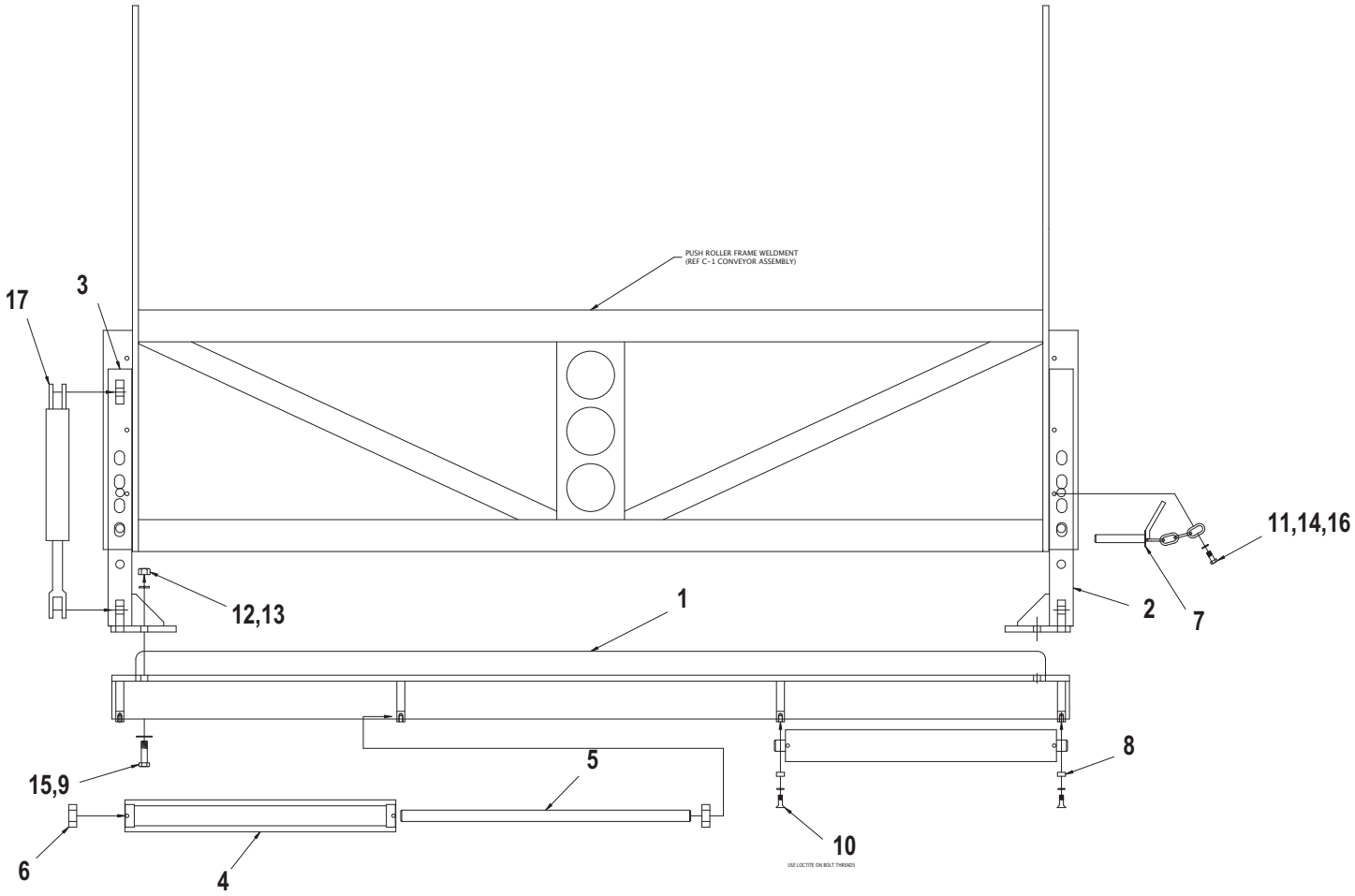
5 BEND OPPOSITE



TROLLEY SUB-ASSEMBLY
(141584-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	00010	PLATE - 1/2" X 4 7/8" X 31" (LEFT ASSY.)	1
2	00659	PIPE - 3/4" DIA. SCH. 40 BLK. X 1/2"	2
3	137544-04	CAM ROLLER - McGILL (CF-1 3/4 - S)	2
4	97169	NUT, JAM 3/4 - 16	2
5	00010	PLATE - 1/2" X 4 7/8" X 31" (RIGHT ASSY.)	1

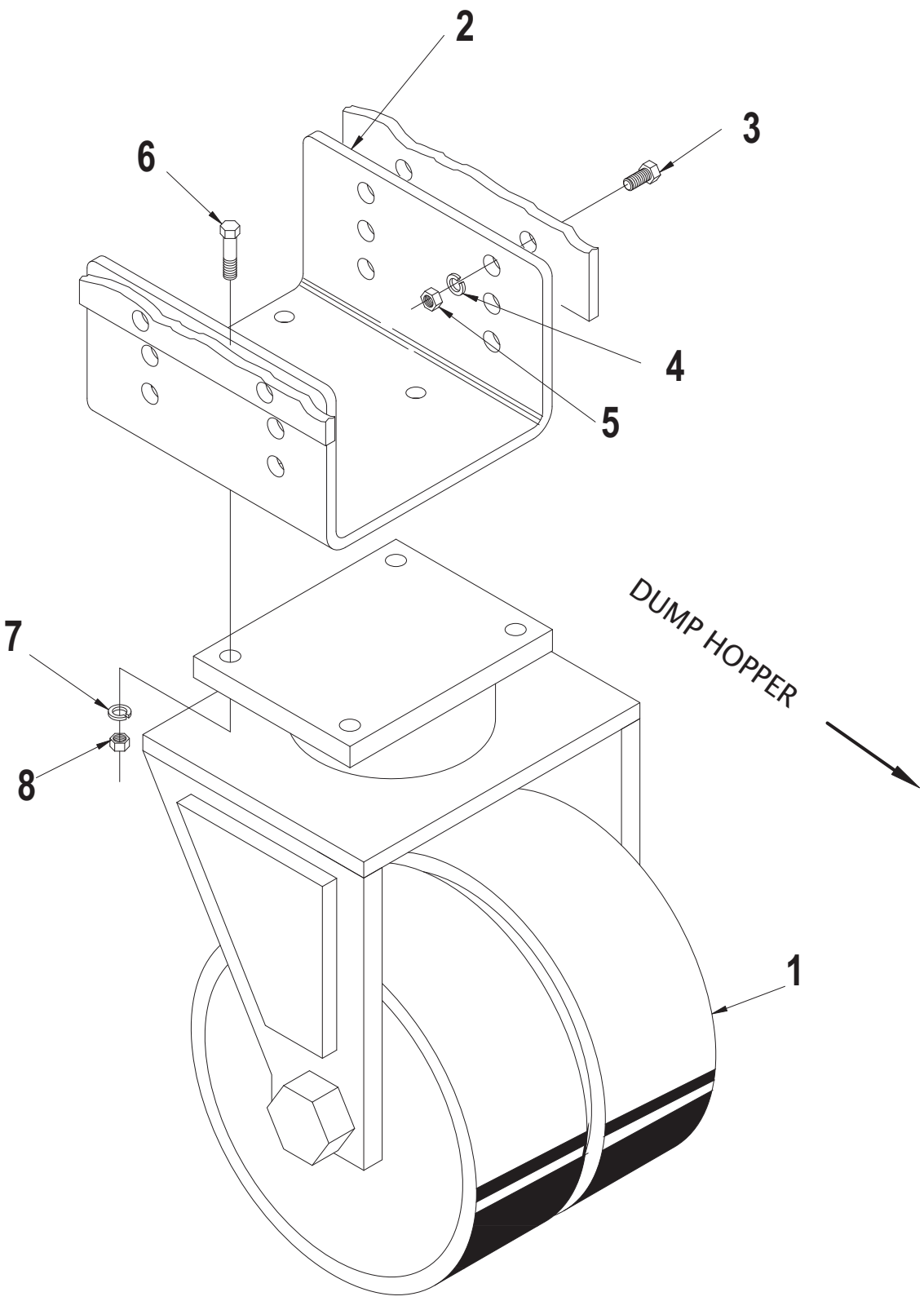
C-1 CONVEYOR PUSH ROLLER TROLLEY
(149085-01)



C-1 CONVEYOR PUSH ROLLER TROLLEY
(149085-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	149086-01	PUSH ROLLER FRAME	1
2	149087-01L	L.H. PUSH ROLLER SUPPORT	1
3	149087-01R	R.H. PUSH ROLLER SUPPORT	1
4	137441-02	PUSH ROLLER TUBE	2
5	149089-04	PUSH ROLLER SHAFT	2
6	84734-04	BEARING 1 7/16" SEALMASTER (SL 23)	4
7	137460-03	PUSH ROLLER LOCKING PIN	2
8	149088-04	PUSH ROLLER LOCK TAB	4
9	95930	BOLT, HEX 3/4 - 10 X 2 3/4"	4
10	26C72	BOLT, C'SUNK HEX 1/2 - 13 X 1 1/2"	8
11	83754	BOLT, HEX 1/2 - 13 X 1"	2
12	84071-04	NUT, HEX 3/4 - 10	4
13	83752-04	LOCKWASHER 3/4" SPRING STEEL	4
14	83317	LOCKWASHER 1/2" SPRING STEEL	2
15	83133	FLAT WASHER 3/4"	4
16	83781-04	FLAT WASHER 1/2"	2

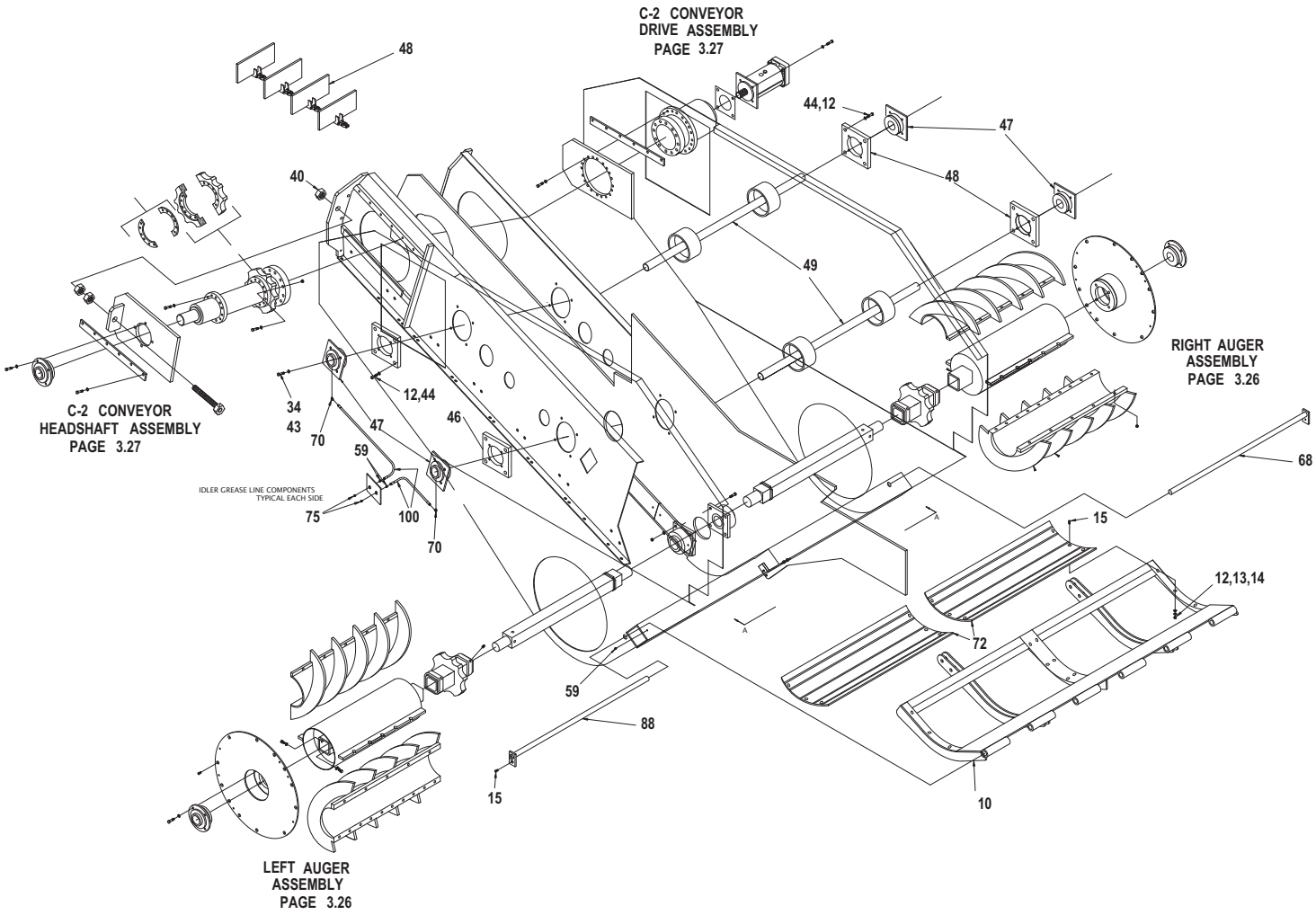
C-1 CONVEYOR CASTER ASSEMBLY
(142718-02)



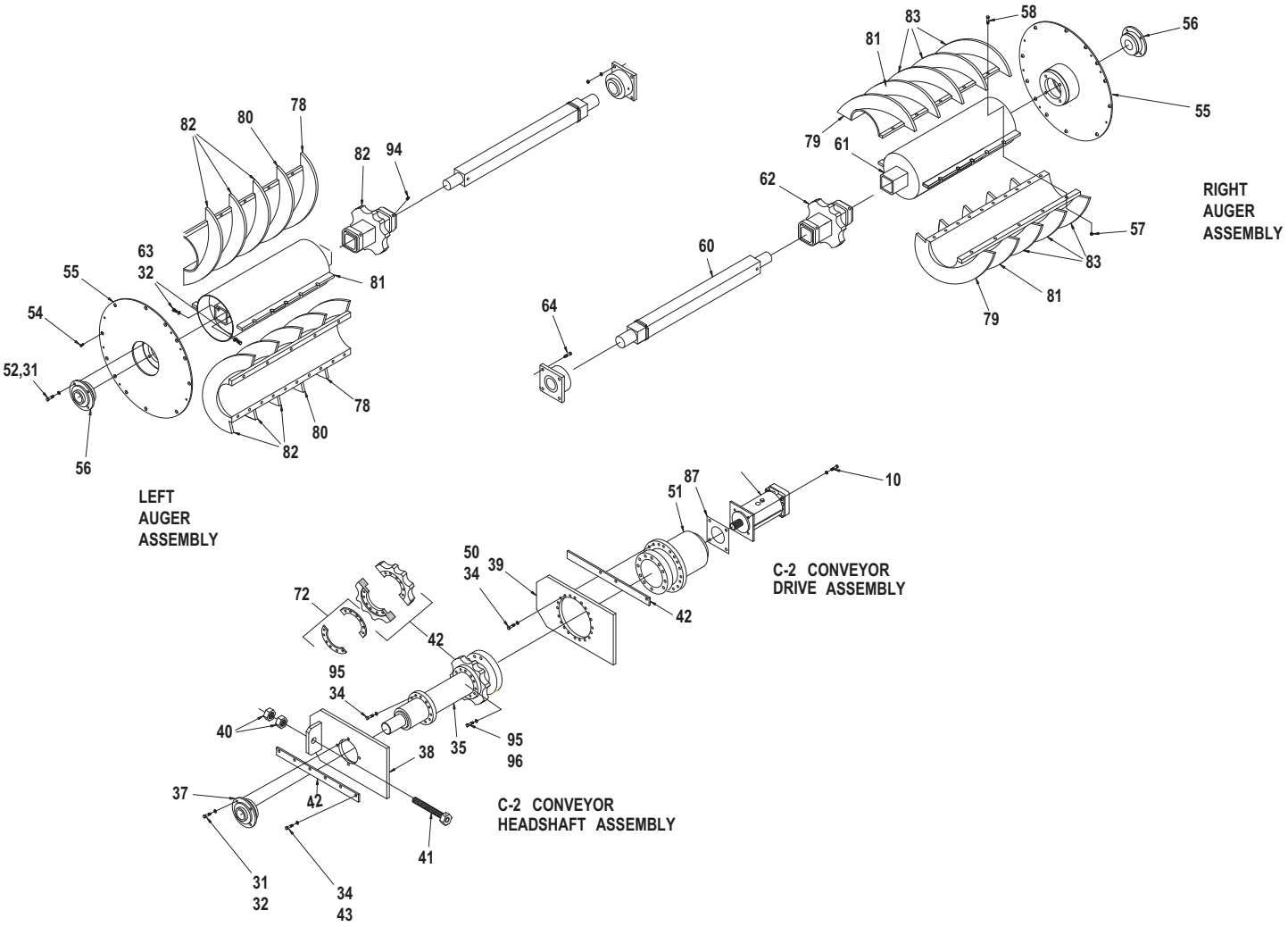
C-1 CONVEYOR CASTER ASSEMBLY
(142718-02)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	132001-04	SWIVEL CASTER W/ IRON WHEEL	1
2	142499-02	ADJ. CASTER MOUNTING PLATE	1
3	93071	BOLT, HEX 3/4 - 10 X 2" LG.	4
4	83752-04	LOCKWASHER 3/4" SPRING STEEL	4
5	84071-04	NUT, HEX 3/4 - 10 ASTM 563-A GD. 8	4
6	89143	BOLT, HEX 5/8 - 11 UNC X 1 3/4" GD.8	4
7	84717	LOCKWASHER 5/8" SPRING STEEL	4

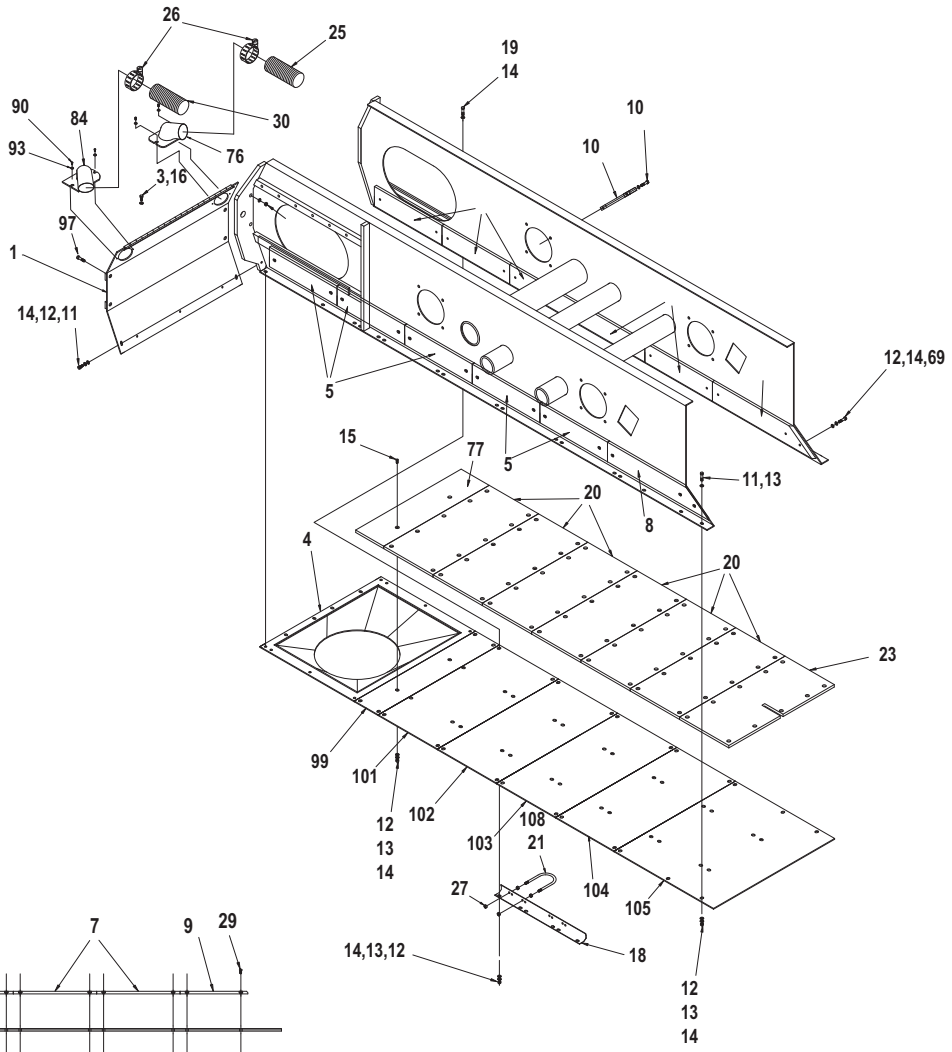
SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)

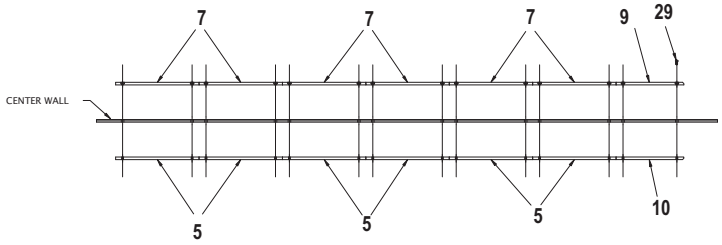


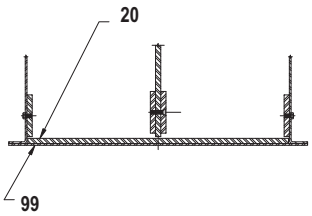
SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)



SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)

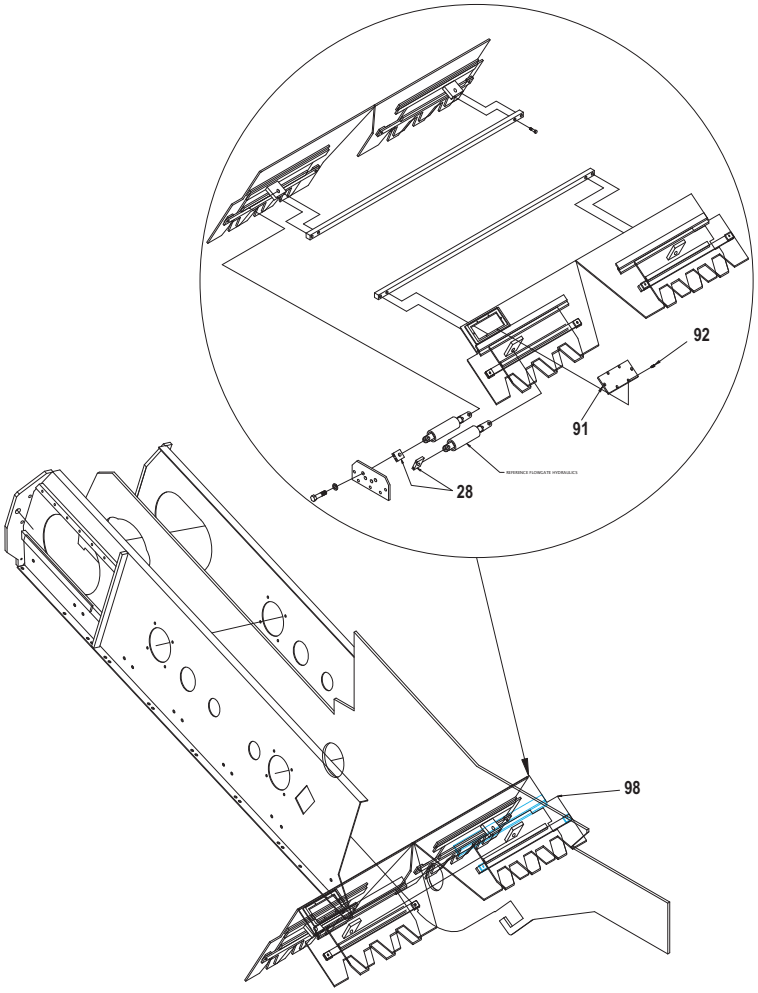


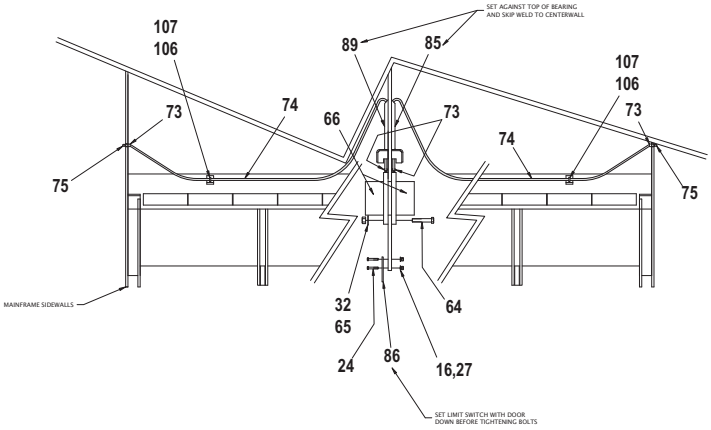




SECTION VIEW WITH REF DIMENSIONS
VIEWED FROM REAR OF MACHINE
(THIS VIEW NOT TO SCALE)

SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)





SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	140442-01	C2 ACCESS DOOR WELDMENT	1
2	99889	C-2 HYDRAULIC MOTOR	
3	96476	HEX BOLT - 3/8 - 16 X 1 1/4	7
4	146681-01	C2 TRANSITION WELDMENT	1
5	137644-03	C2 CONVEYOR SIDE WEAR PLATE	16
6	137640-03	C2 CONVEYOR SIDE WEAR PLATE	1
7	137643-03	C2 CONVEYOR SIDE WEAR PLATE	6
8	137639-03	C2 CONVEYOR SIDE WEAR PLATE	1
9	137642-03	C2 CONVEYOR SIDE WEAR PLATE	1
10	137641-03	C2 CONVEYOR SIDE WEAR PLATE	1
11	93144	HEX BOLT - 1/2 - 13 X 1 1/2	36
12	83317	LOCK WASHER - 1/2 SPRING WASHER	100
13	83288	HEX NUT - 1/2 - 13 GD. 8	80
14	83781-04	FLAT WASHER - 1/2 STEEL	56
15	29C18	CSK BOLT - 1/2 - 13 X 1 3/4	46
16	83056	LOCK WASHER - 3/8 SPRING STEEL	7
17			
18	120872-03	HOSE PROTECTOR PLATE	1
19	85941-04	HEX BOLT - 1/2 - 13 X 2	4
20	BN-906-7143	LINER NI-HARD 3/4 THK.	6
21	138077-03	HOSE GUARD WELDMENT	1
22	139665-04	SPROCKET COVER PLATE	2
23	BN-906-7143A	C2 BOTTOM FRONT NI-HARD	1
24	OO877	BOLT, HEX 3/8 - 16 X 1 3/4"	2
25	125232-04	HOSE - 4" FLEX 2 PLY FIBERGLASS	180
26	129000	HOSE CLAMP - 4 1/2 IDEAL	2
27	83055	NUT, HEX 3/8 - 16	6
28	143510-04	FLOW GATE CYL. BRACE	2
29	95847	BOLT, C'SK. 1/2 - 13 X 2"	14
30	125232-04	HOSE - 4" FLEX 2 PLY FIBERGLASS	1
31	93212	SCREW, SOCKET HD. CAP 3/4 - 10 X 2"	16
32	83752-04	LOCK WASHER - 3/4 SPRING STEEL	60
33	89252	HEX BOLT - 5/8 - 11 X 2 1/2	24
34	84717	LOCK WASHER - 5/8 SPRING STEEL	72
35	138589-01	C2 CONVEYOR HEAD SHAFT WELDMENT	1
36	139350-02	10 TOOTH SPROCKET (MACHINED)	2
37	97350-04	BEARING FLANGE	1
38	135859-01	RIGHT C2 TAKE-UP WELDMENT	1
39	135857-01	LEFT C2 TAKE-UP WELDMENT	1
40	83031	HEX NUT - 1 1/2 GD. 8	6

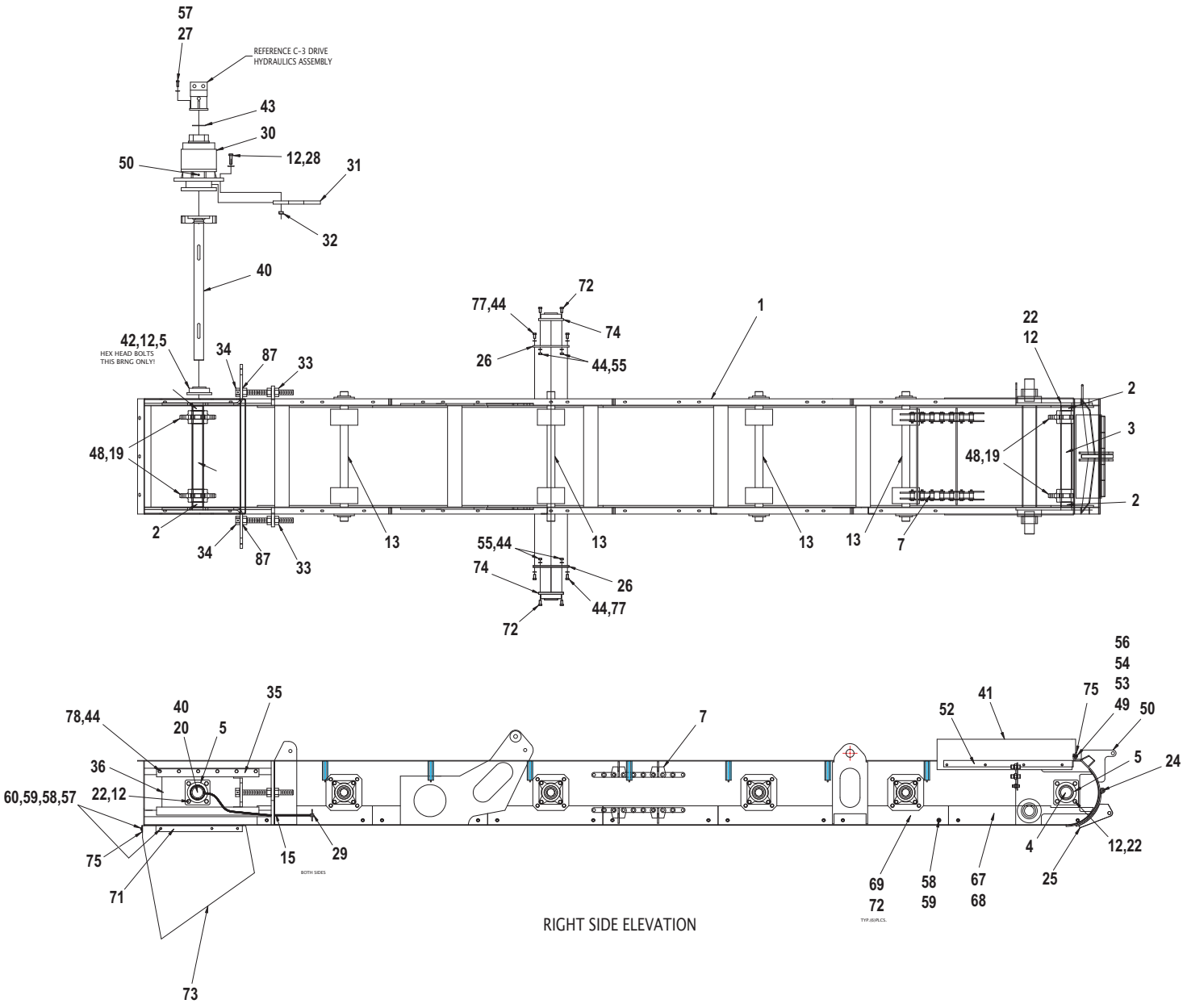
SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	99060-04	TAKE UP SCREW	2
42	122419-03	UPPER KEEPER BAR	2
43	84778	HEX BOLT - 5/8 - 11 X 1 1/2	28
44	89142	HEX BOLT - 1/2 - 13 X 1 3/4	8
45	83317-04	LOCK WASHER - 1/2 SPRING STEEL	28
46	99364-03	BEARING PLATE	2
47	88993-04	BEARING - 4 BOLT FLANGE	4
48	138906-02	C2 CONVEYOR CHAIN WELDMENT	1
49	99363-01	C2 IDLER SHAFT WELDMENT	2
50	93122	HEX BOLT - 5/8 - 11 X 2 1/4	20
51	141780-01	C2 DRIVE SPINDLE OUTPUT ASSEMBLY	1
52	26B48	WASHER - 3/4	12
53	95930	HEX BOLT - 3/4 - 10 X 2 3/4	4
54	128462	CSK BOLT - 1/2 - 13 X 1	24
55	120988-01	BEARING RETAINER WELDMENT	2
56	29M98	BEARING - FLANGED 3" 4 BOLT	2
57	88164	LOCK NUT - 3/4 - 10 GD. 8	30
58	95834	SOCKET SCREW - 3/4 - 10 X 4	30
59	83742-04	FITTING - 1/8 NPT X 4 JIC ST CONN.	4
60	130507-01	C2 CONVEYOR FOOTSHAFT WELDMENT	2
61	122594-01	AUGER MOUNTING TUBE WELDMENT	2
62	140837-01	10 TOOTH SPROCKET WELDMENT	2
63	123379	HEX BOLT - 3/4 - 16 X 1 3/4	2
64	12K35	HEX BOLT - 3/4 - 10 X 4	4
65	84071-04	HEX NUT - 3/4 - 10 GD. 8	8
66	29M97	BEARING - 3 1/2 PILOTED	2
67	139741-02	1/2 - 13 UNC CENTER GRIP LOCK NUT	24
68	99192-02	GATE PIN WELDMENT	2
69	86164	BOLT - HEX - 1/2 - 13 X 1 1/4 GD. 8	26
70	84560-04	FITTING - 4 JIC X 1/8 NPT X 4 JIC 90	2
71	123051-01	C2 HOPPER CLEAN OUT DOOR WELDMENT	1
72	123196-02	C2 HOPPER DOOR LINER WELDMENT	2
73	99509	FITTING - 4 JIC X 1/8 NPT X 45 DEG.	4
74	134178-04	GREASE LINE - 85" LG. W/ 4 JIC SW. BOTH END	2
75	83416	GREASE FITTING - 1/8 NPT	6
76	140469-02	LT. FXS EXCH. ELBOW	1
77	145207-04	C-2 WEAR PLATE (REAR)	1
78	95997-01	FLIGHT - 12 1/2 PITCH AUGER R.H.	2
79	95998	FLIGHT - 12 1/2 PITCH AUGER L.H.	2
80	96003-01	FLIGHT - 8 3/4 PITCH AUGER R.H.	2

SB-2500B C-2 CONVEYOR ASSEMBLY
(145313-01)

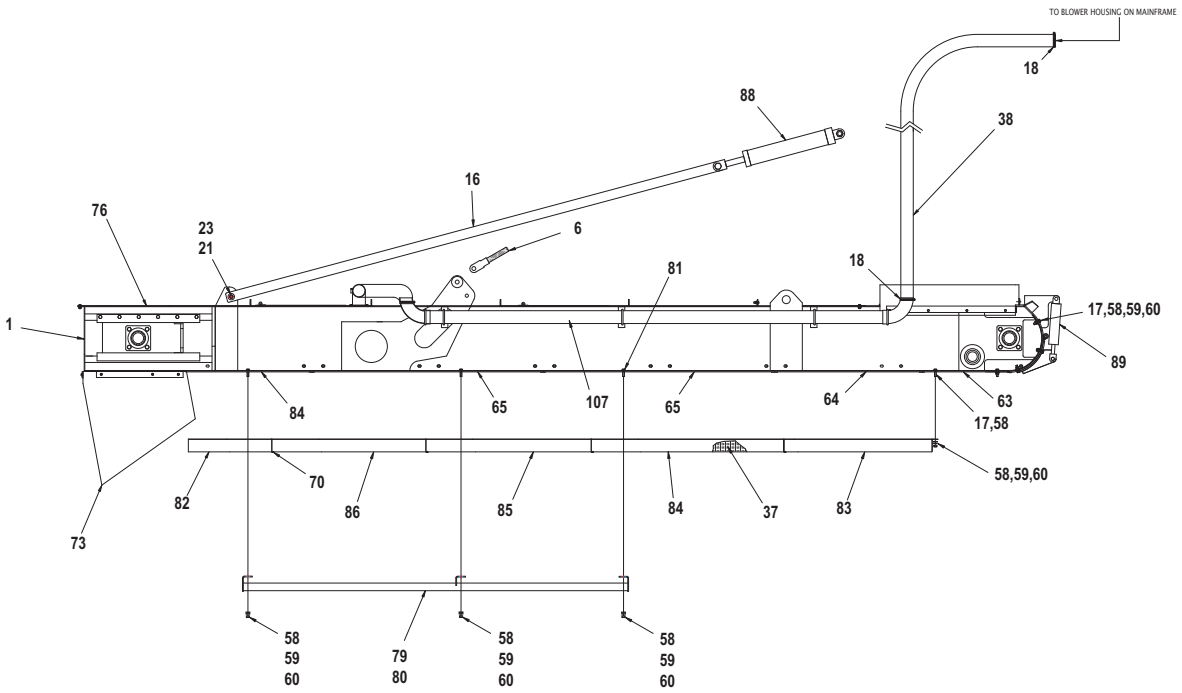
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
81	96004	FLIGHT - 8 3/4 PITCH AUGER L.H.	2
82	96005-01	FLIGHT - 5 3/8 PITCH AUGER R.H.	6
83	96006	FLIGHT - 5 3/8 PITCH AUGER L.H.	6
84	140470-02	RT. FXS EXCH. ELBOW	1
85	122336	HEX BOLT - 3/4 - 16 X 3	12
86	137935-04	LIMIT SWITCH BRACKET	1
87	28Y06C4	KIT - OUTSIDE GASKET FOR C-2 MOTOR	1
88	99502-02	C2 HOPPER GREASE LINE SHIELD WELDMENT	1
89	99395-02	GREASE LINE SHIELD WELDMENT	1
90	89987-04	BOLT, WING 3/8 - 16 X 1" GD. 8	
91	123413-03	COVER	1
92	92818	CSK. BOLT - 3/8 - 16 X 3/4	6
93	83757	FLAT WASHER 3/8" GD. 8 Z	1
94	125532	SET SCREW - 3/4 - 10 X 1 1/2"	4
95	138651-04	5/8 DIA. X 2 1/2 SHOULDER BOLT	24
96	10D63	1/2 HARDEN FLAT WASHER	24
97	93723	BOLT, HEX 3/4 - 10 X 2 1/2"	4
98	140182-01	FLOWGATE ASSY.	
99	138258-02	C-2 RR. BOTTOM END PLATE	1
100	144367-04	GREASE LINE - 36" W/ 4 JIC SW	4
101	138259-02	C2 REAR BOTTOM PLATE	1
102	138260-02	C2 REAR BOTTOM CENTER PLATE	1
103	138261-02	C2 FRONT BOTTOM CENTER PLATE	1
104	138262-02	C2 FRONT BOTTOM PLATE	1
105	138263-02	C2 FRONT BOTTOM END PLATE	1
106	80539-04	CLAMP - 3/8" CONDUIT	2
107	83114	BOLT, HEX 1/4 - 20 X 1/2" GD. 8	2
108	80132-04	HOSE - 3/8" FUEL / WATER X 13"	1

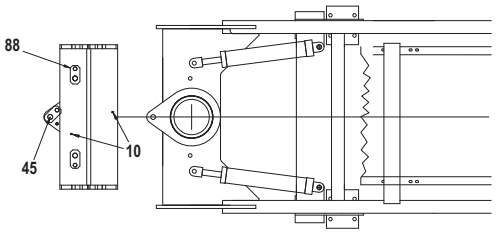
SB-2500B C-3 CONVEYOR ASSEMBLY
(149433-01)

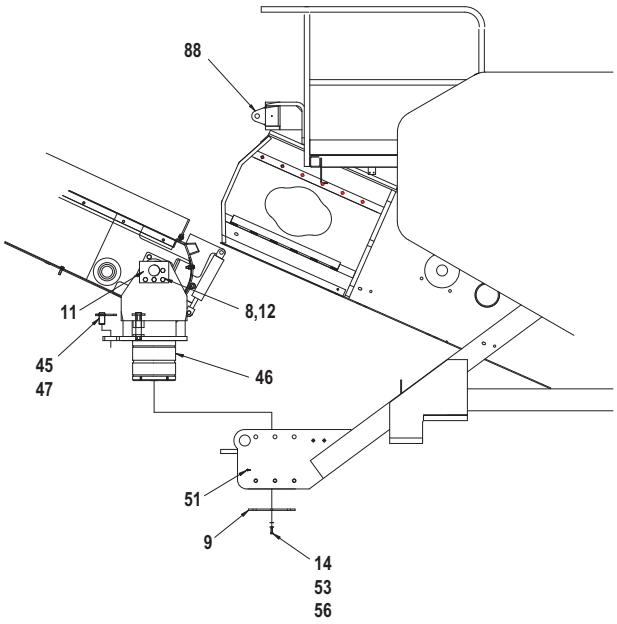


RIGHT SIDE ELEVATION

SB-2500B C-3 CONVEYOR ASSEMBLY
(149433-01)







SB-2500B C-3 CONVEYOR ASSEMBLY
(149433-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	145970-01	C-3 CONVEYOR	1
2	10385	RD. TUBE 3 1/2 X 3/16" WA. X 1 1/2" LG.	4
3	10385	RD. TUBE 3 1/2 X 3/16" WA. X 20 9/16" LG.	2
4	99784-03	TAIL SHAFT	1
5	29G14	BEARING - FLANGE BLOCK 2000 SERIES	4
6	94375-04	CABLE - CONVEYOR LIFT ROPE	2
7	138907-02	C-3 CONVEYOR CHAIN	1
8	93723	BOLT, HEX 3/4 - 10 X 2 1/2"	8
9	123143-03	PIVOT YOKE BOTTOM KEEPER PLATE	1
10	89929-04	GREASE FITTING - 1/4 - 28 90	2
11	121890-02	C-3 LOCK IN PLATE	2
12	83752-04	LOCKWASHER 3/4" SPRING STEEL	40
13	145501-02	C-3 IDLER	4
14	84332	BOLT, HEX 3/8 - 16 X 1"	3
15	144367-04	GREASE LINE - 1/4 X 36"	2
16	138960-01	C-3 CONV. LIFT BAR	1
17	89142	BOLT, HEX 1/2 - 13 X 1 3/4"	32
18	129000	HOSE CLAMP 4 1/2" (IDEAL #646)	2
19	144482-02	SPROCKET - 10 TOOTH	4
20	99509	FITTING - 1/8 NPT X 4 JIC 45	2
21	27066	COTTER PIN 3/16" X 2"	2
22	93212	SCREW, S.H.C.S. 3/4 - 10 X 2"	12
23	129582-04	PIN, C-3 LIFT BAR	2
24	146845-03	PIN, C-3 CEAN-OUT DOOR	1
25	128833-01	C-3 TRAP DOOR	1
26	145503-03	MOUNTING PLATE C-3 IDLER BEARINGS	8
27	10D63	FLAT WASHER 1/2" HARD	4
28	89151	BOLT, HEX 3/4 - 10 X 3"	5
29	90565	GREASE FITTING 1/4" NPT ST	2
30	145338-01	TRANS., C-1 / C-3 DRIVE GEARBOX	1
31	99778-03	ADJUSTMENT ARM	1
32	95938	NUT, JAM 3/4 - 10	5
33	83031	NUT, HEX 1 1/2 - 6	6
34	99060-04	TAKE-UP SCREW	2
35	122419-03	UPPER KEEPER BAR	2
36	122406-01	C-3 TAKE-UP PLATE	2
37	133941-04	INSUL. - FIBERBOARD 3 X 48 X 96"	4
38	125232-04	4" FLEX-HOSE X 240"	1
39	133348	BOLT, HEX 3/4 - 16 X 3 1/2"	8
40	99779-01	C-3 HEAD SHAFT	1

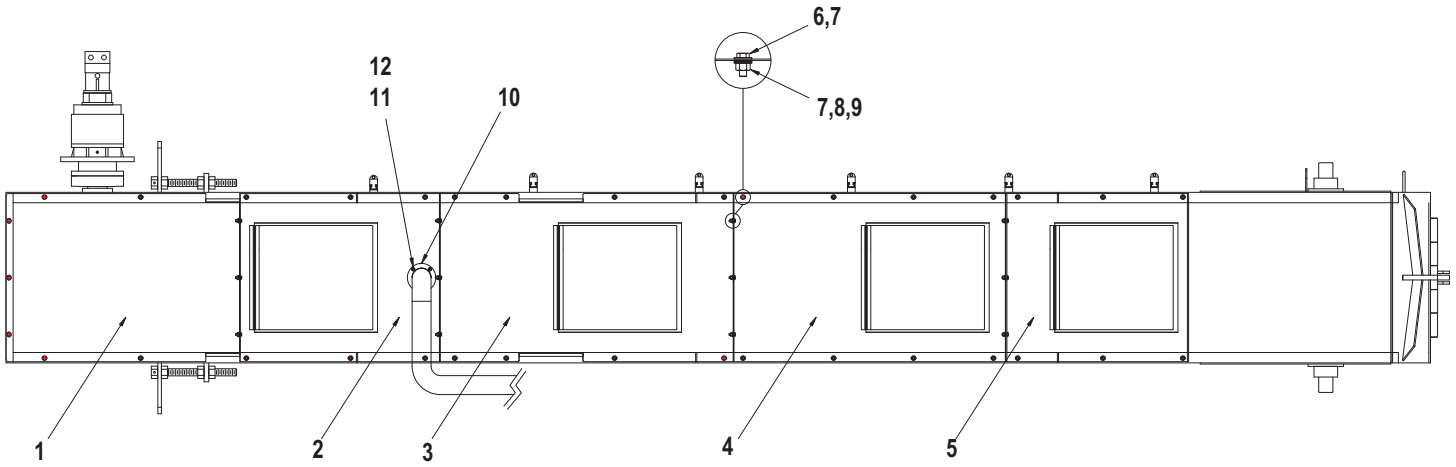
SB-2500B C-3 CONVEYOR ASSEMBLY
(149433-01)

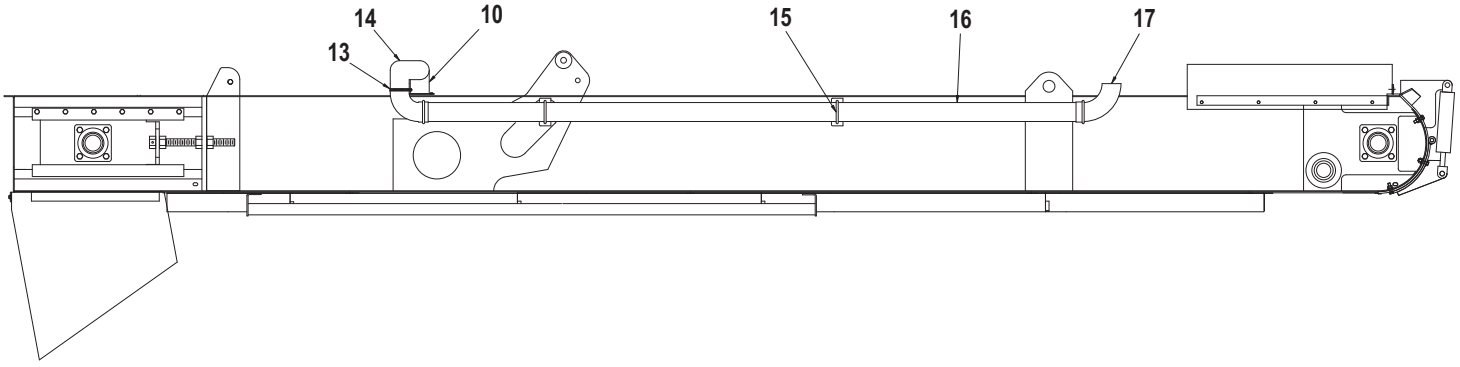
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	125193-01	RUBBER C-3 CONV. FLASHING	1
42	93071	BOLT, HEX 3/4 - 10 X 2"	4
43	97489	O-RING KIT 70 D	1
44	84717	LOCKWASHER 5/8" SPRING STEEL	76
45	122102-03	PIN CONVEYOR SHIPPING	1
46	138644-01	C-3 PIVOT YOKE	1
47	26K68	BOLT, HEX 3/4 - 10 X 1"	1
48	OO965	KEYSTOCK 3/4 X 3/4 X 4"	4
49	83924	BOLT, HEX 3/8 - 16 X 1 1/2"	11
50	128909-03	END COVER PLATE	1
51	83184-04	GREASE FITTING 1/4 - 28 ST	1
52	122124-04	SIDE CLAMP	2
53	83056	LOCKWASHER 3/8" SPRING STEEL	14
54	83055	NUT, HEX 3/8 - 16	3
55	85148	NUT, HEX 5/8 - 11	32
56	83757	FLAT WASHER 3/8"	14
57	93144	BOLT, HEX 1/2 - 13 X 1 1/2"	13
58	83781-04	FLAT WASHER 1/2"	85
59	83317	LOCKWASHER 1/2" SPRING STEEL	47
60	83288	NUT, HEX 1/2 - 13	47
61	26C72	BOLT, C'SUNK 1/2 - 13 X 1 1/2"	28
62	130086-C1	AUSCO BRAKE GASKET	1
63	148641-03	BOTTOM LINER 27"	1
64	148639-03	BOTTOM LINER 46"	1
65	148638-03	BOTTOM LINER 72"	2
66	148640-03	BOTTOM LINER 39"	1
67	148643-03R	C-3 SIDE LINER (REAR)	1
68	148643-03L	C-3 SIDE LINER (REAR)	1
69	148645-03	C-3 SIDE LINER	12
70	133842	SELF-TAPPING SCREW 1/4" X 1/2"	8
71	99788-04	CLAMP BAR	2
72	96041	BOLT, HEX 5/8 - 11 X 2"	32
73	142166-01	RUBBER FLASHING	1
74	88993-04	BEARING - 4 BOLT FLANGE FOR 2 7/16" SHAFT	8
75	99789-04	CLAMP BAR	2
76	145562-01	C-3 TOP COVER	1
77	95301	BOLT, HEX 5/8 - 11 X 1 1/4"	32
78	84778	BOLT, HEX 5/8 - 11 X 1 1/2"	12
79	141290-01R	C-3 GUARD BAR (RIGHT)	1
80	141290-01L	C-3 GUARD BAR (LEFT)	1

SB-2500B C-3 CONVEYOR ASSEMBLY
(149433-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
81	84674	BOLT, HEX 1/2 - 13 X 2"	6
82	131778-01	INSULATION COVER	1
83	131774-01	INSULATION COVER	1
84	131775-01	INSULATION COVER	1
85	131776-01	INSULATION COVER	1
86	131777-01	INSULATION COVER	1
87	83032	WASHER 1 1/2 N-SERIES	8

C-3 TOP COVER WITH FUME-X ASSEMBLY
(145562-01)

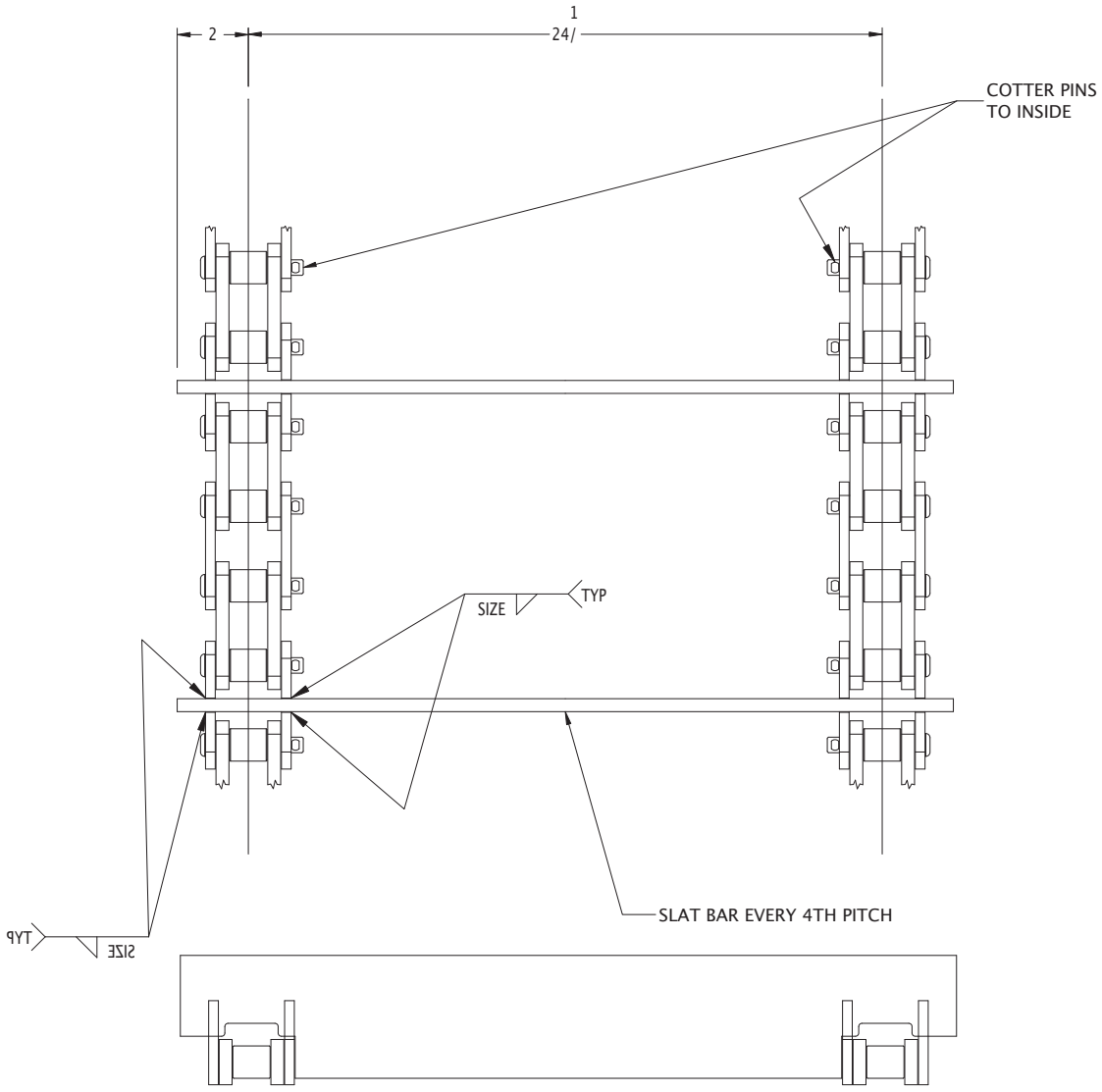


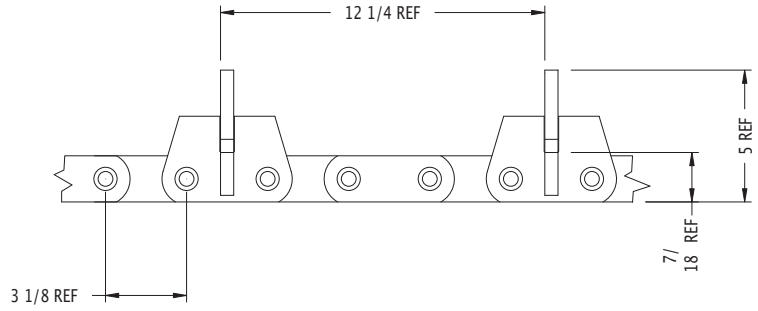


C-3 TOP COVER WITH FUME-X ASSEMBLY
(145562-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	145557-03	TOP COVER (DISCHARGE END)	1
2	145558-03	TOP COVER	1
3	145559-03	TOP COVER (MIDDLE)	1
4	145560-03	TOP COVER	1
5	145561-03	TOP COVER (RECEIVING END)	1
6	84332	BOLT, HEX 3/8 - 16 X 1" GD. 8	40
7	83757	FLAT WASHER 3/8" STEEL	80
8	83056	LOCKWASHER 3/8" SPRING STEEL	40
9	83055	NUT, HEX 3/8 - 11 GD. 8	40
10	129111-02	FLANGED ELBOW (FOR FUME-X)	1
11	83065	LOCKWASHER 1/4" SPRING STEEL	4
12	89772	NUT, HEX 1/4 - 20 GD. 8	4
13	129000	HOSE CLAMP 4 1/2" (IDEAL #646)	2
14	125232-04	FLEX-HOSE 4" - 2 PLY X 32" LG.	1
15	93129	CLAMP, MUFFLER 4"	4
16	138462-04	FUME-X TUBE 12' LG.	1
17	29H38	ELBOW - 4" ALUMINIZED 90	2

C-3 CONVEYOR CHAIN ASSEMBLY
(138907-02)

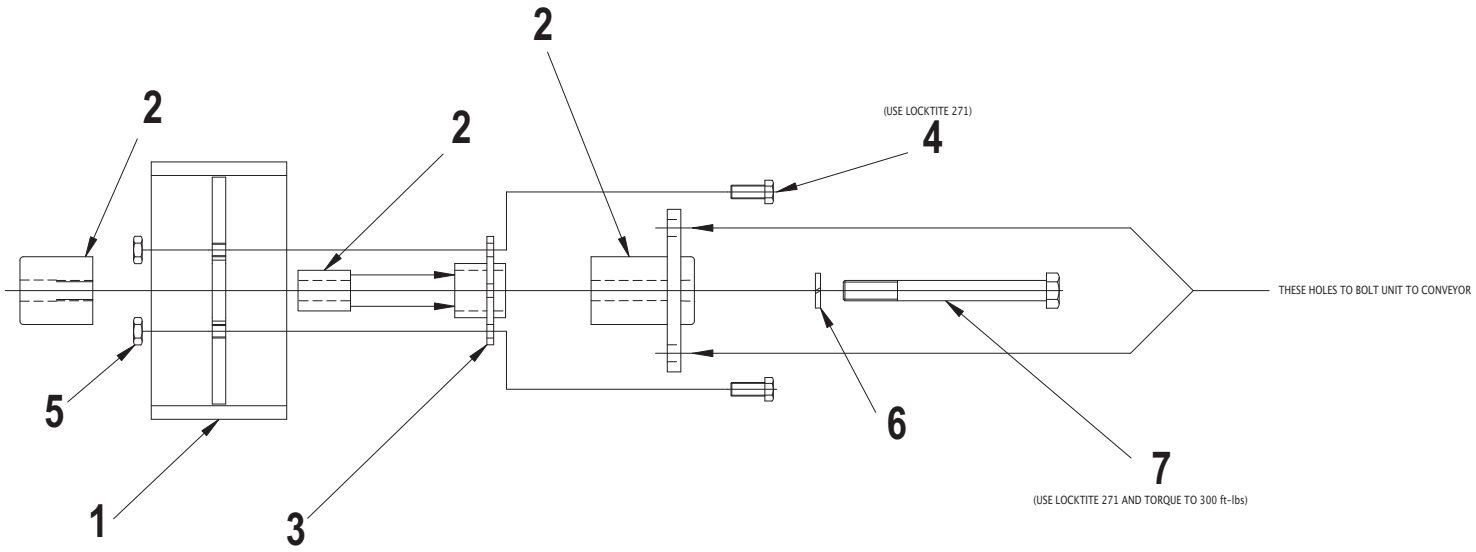




C-3 CONVEYOR CHAIN ASSEMBLY
(138907-02)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	138910-03	SLAT SB-1500 / 2500 C-3	46
2	138887-03	SLAT CHAIN SET SB-2500 C-3	1

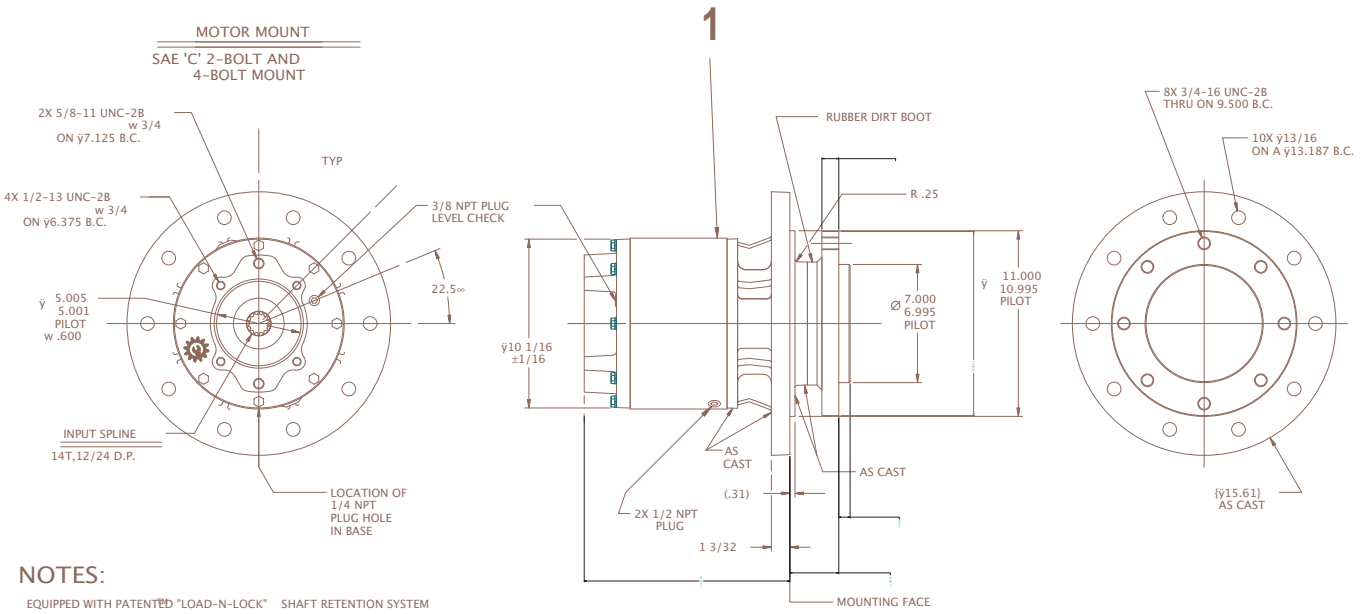
SB-2500B IDLER ROLLERS ASSEMBLY
(143264-03)



SB-2500B IDLER ROLLERS ASSEMBLY
(143264-03)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	143265-03	IDLER ROLLER WELDMENT	1
2	143266-03	3 pc. IDLER PIN	1
3	145152-03	WEAR-HARD BEARING	1
4	84691	SCREW, SOC. HD. 1/2' X 1 1/4"	4
5	91324-04	NUT, JAM 1/2 - 13	4
6	83752-04	LOCKWASHER 3/4" SPRING STEEL	1
7	92734	BOLT, HEX 3/4 - 10 X 7 1/2"	1

CONVEYOR DRIVE GEARBOX
(142347-01)



NOTES:

EQUIPPED WITH PATENTED "LOAD-N-LOCK" SHAFT RETENTION SYSTEM (U.S.PATENT NO.5746517).

GEARBOX DATA:

GEARBOX TORQUE RATING: 130,000 IN-LB INTERMITTENT
GEARBOX OIL CAPACITY (TO MIDDLE OF PRI. PLANET GEARS):
4.25 PINTS EP80/90 GEAR OIL (VERTICAL)
2.50 PINTS EP80/90 GEAR OIL (HORIZONTAL)
TOTAL GEARBOX ASSY. WEIGHT: 240 LBS. APPROX.

ITEM	QTY	PART #	DESCRIPTION
4	-	-	-
3	-	-	-
2	-	-	-
1	1	130 CA- S1-C 4- 36	GEARBOX ASSY.
		13-004-1242	RATIO 36.00:1
			INPUT SPLINE- 14T, 12/24 D.P.
			INPUT MOUNT- SAE 'C' PILOT "X-TALL"
		13-004-4072	SHAFT-OUTPUT (130/S1-SPINDLE)
		81-004-3172	CASE-CUSTOM W/BOOT-130CA
			MODEL

C1/C3 DRIVE GEARBOX
ESKRIDGE

(DIMENSIONALLY INTERCHANGEABLE W/137208-04. DIFFERENCE IS G/BOX INTERNAL COMPONENTS.)

ESKRIDGE

DRN
APPR

TITLE: MODEL 130CA - (ROADTEC)

DATE: 09-07-99
US | 2D | 5B

DRAWING NUMBER: 13-006-5032

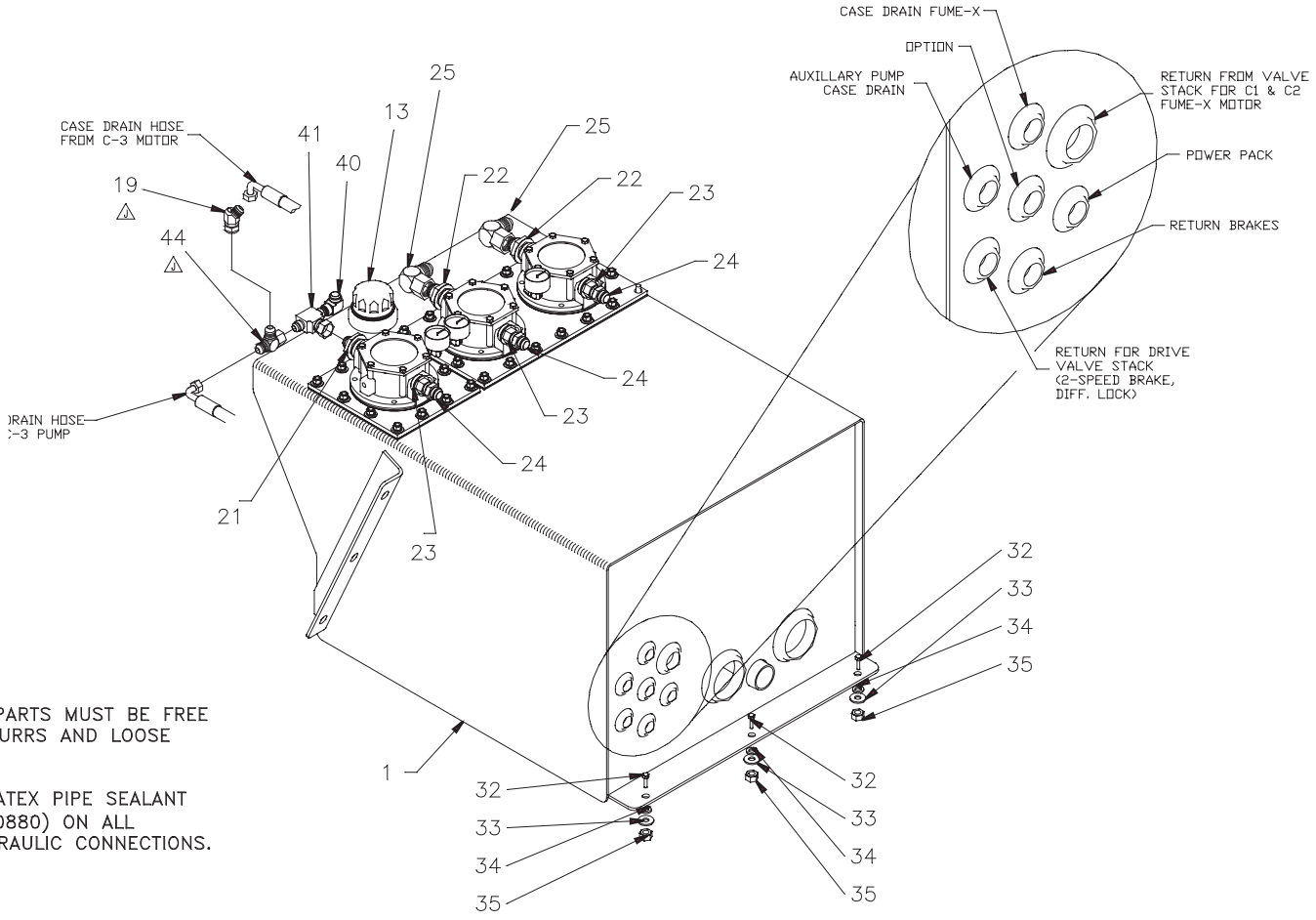
REV: -

ROADTEC

SECTION 4 : HYDRAULICS

ASSEMBLY	PART NO.	S/N	PAGE NO.
HYDRAULIC TANK	140317-01	496 & UP	4.1
AUXILIARY PUMP	143161-01	514 & UP	4.6
BRAKE (ROCKWELL AXLES)	145374-01	369 & UP	4.8
FUME CONTROL	143490-02	526 & UP	4.10
C-1 CONVEYOR CLEAN OUT	149421-01	625 & UP	4.12
C-1 CONVEYOR DRIVE	120743-01	293 & UP	4.14
C-1 LIFT, DUMP & VIBRATOR	149420-01	625 & UP	4.16
C-1 HYD. PUSH ROLLER	149418-01	625 & UP	4.19
C-2 CONVEYOR DRIVE	149543-01	625 & UP	4.21
C-2 HOPPER CLEAN OUT	149422-01	625 & UP	4.23
C-3 CONVEYOR DRIVE	145972-01	585 & UP	4.25
C-3 SWING AND LIFT	149423-01	625 & UP	4.27
C-3 CONVEYOR CLEAN OUT	149424-01	625 & UP	4.30
FLOWGATE	149417-01	625 & UP	4.32
PLATFORM RAISE	149419-01	625 & UP	4.34
STEERING	149416-01	625 & UP	4.37
DRIVE (WHEEL)	147115-01	585 & UP	4.39
HYDRAULIC CHANNEL ASSY.	146111-03	585 & UP	4.42
PROTOTYPE MANIFOLDS	200429-01	630	4.44

SB-2500B HYDRAULIC TANK ASSEMBLY
(140317-01)

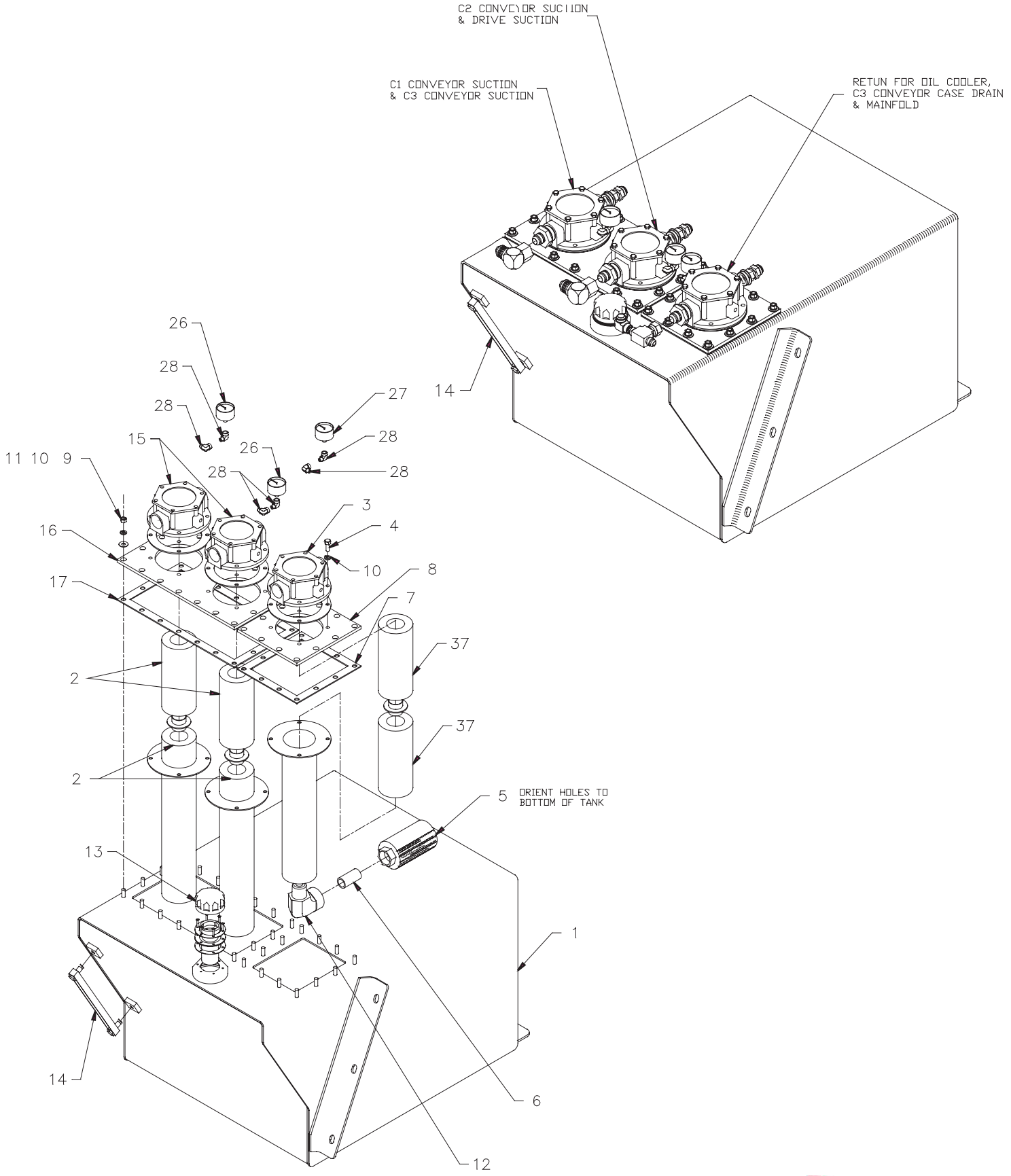


SHOP NOTES:

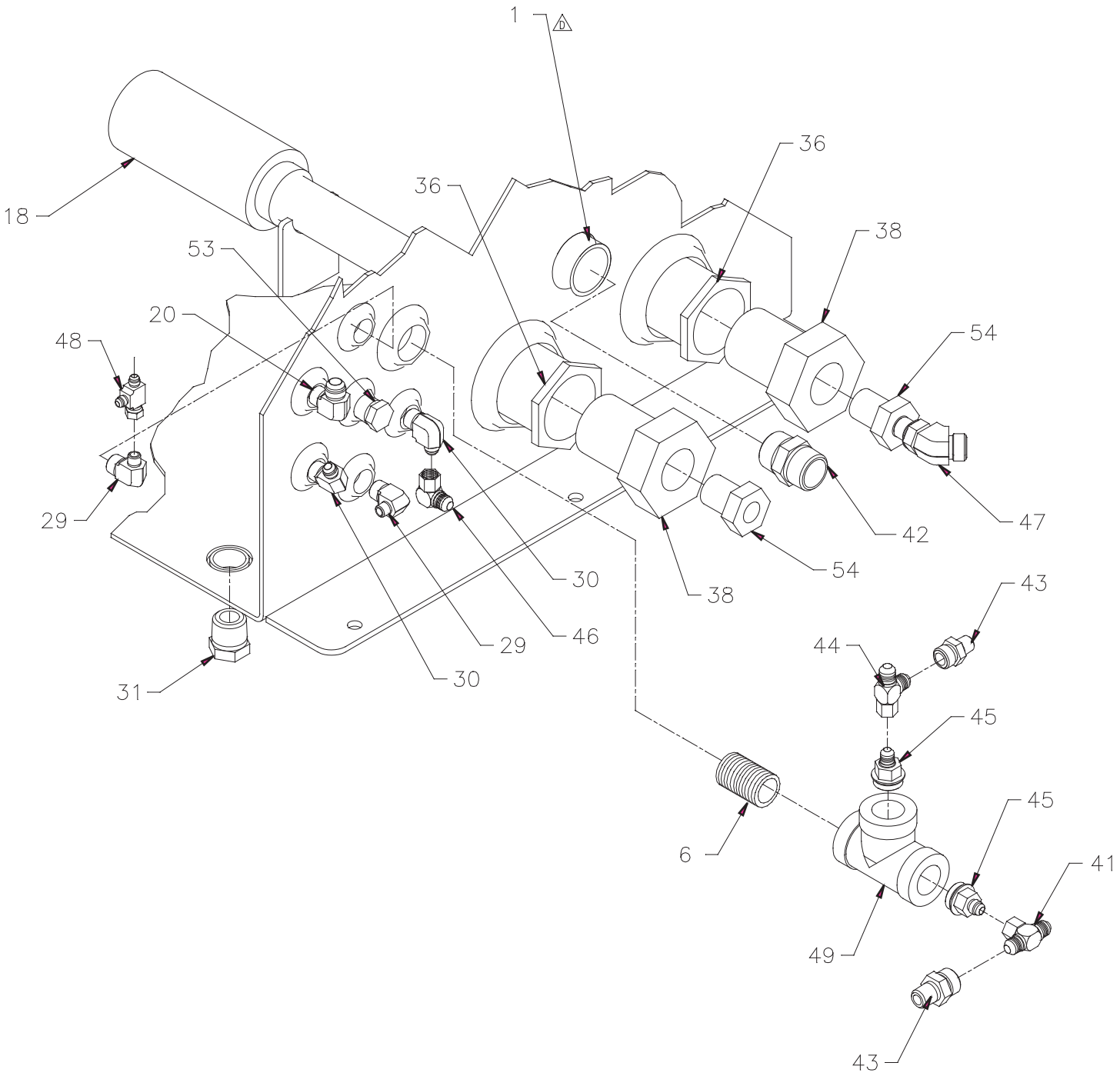
1. INTERNAL PARTS MUST BE FREE & CLEAR OF BURRS AND LOOSE CONTAMINANTS.

2. USE PERMATEX PIPE SEALANT (ROADTEC #130880) ON ALL THREADED HYDRAULIC CONNECTIONS.

SB-2500B HYDRAULIC TANK ASSEMBLY
(140317-01)



SB-2500B HYDRAULIC TANK ASSEMBLY
(140317-01)



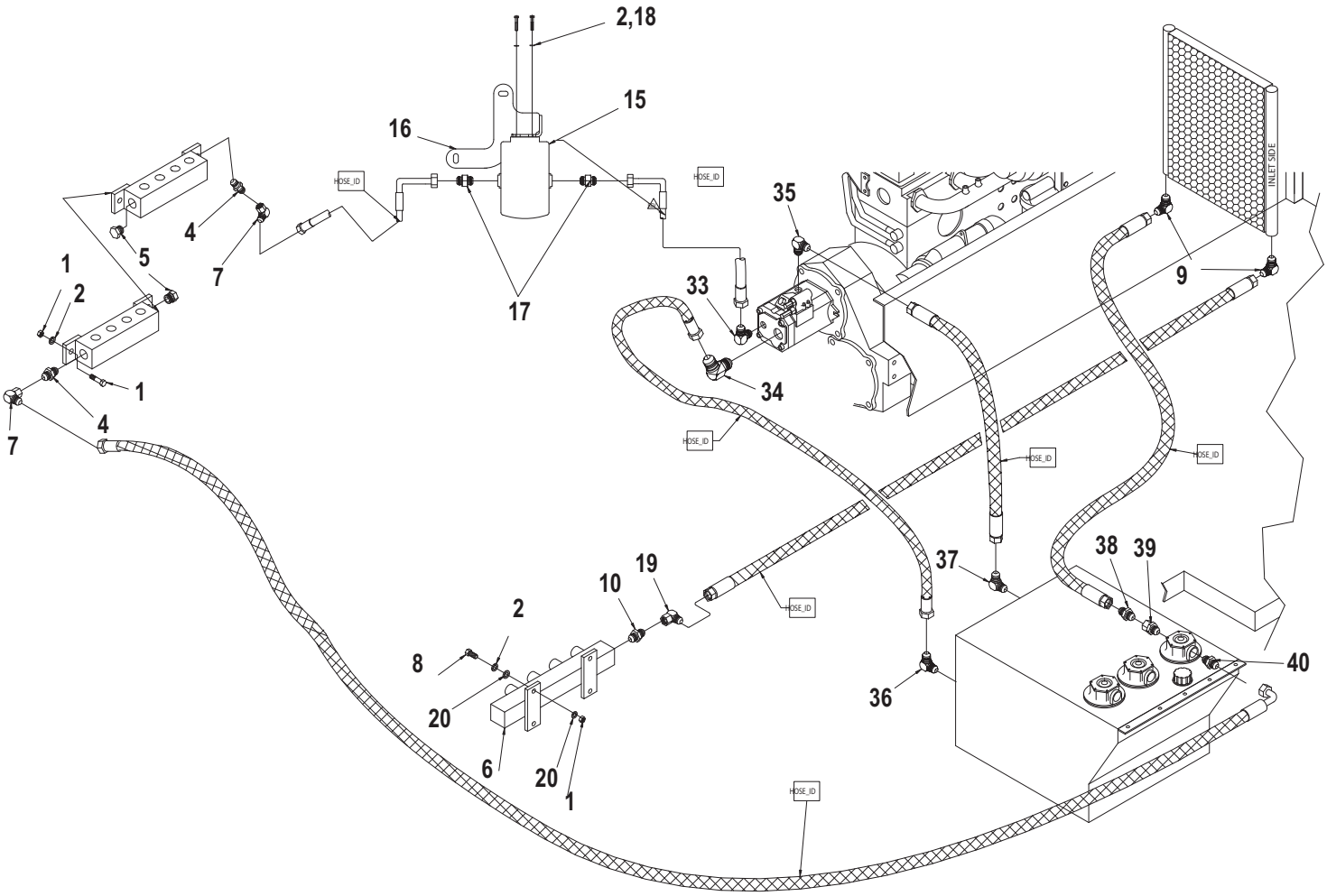
SB-2500B HYDRAULIC TANK ASSEMBLY
(140317-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	140073-01	HYDRAULIC TANK	1
2	29G40	FILTER, ELEMENT 10 MICRON	4
3	29G37	FILTER HOUSING 2 ELEMENT W/ BY-PASS	1
4	96476	BOLT, HEX 3/8 - 16 X 1 1/4"	12
5	16W28	RETURN LINE DIFFUSER 1 1/4" NPT	1
6	80591	NIPPLE, CLOSE 1 1/4"	2
7	99805-03	GASKET, RUBBER	1
8	99804-03	SINGLE FILTER TANK LID	1
9	83055	NUT, HEX 3/8 - 16 GD. 8	30
10	83056	LOCKWASHER 3/8" SPRING STEEL	42
11	83757	WASHER, FLAT 3/8" STEEL	30
12	92144	PLUMB 1 1/4" NPT 90 DEG. ST.	1
13	87237-04	FILLER CAP	1
14	97412-04	GAUGE, CHANNEL LIQUID LEVEL	1
15	29G38	FILTER, HOUSING DBLE. ELEMENT	2
16	99802-02	DOUBLE FILTER TANK LID	1
17	99803-02	GASKET, RUBBER	1
18	29H27	FILTER, OIL SUMP TYPE 30 GPM	1
19	90952-04	FITTING, 12 JIC 45 SWIVEL ELBOW	1
20	85490-04	FITTING, 12 JIC X 1 1/2" 3/4" NPT MALE 90	1
21	120671	FITTING 12 JIC X 20 SAE ST.	1
22	84632-04	FITTING, CONNECTOR 16 JIC X 20 SAE M.	2
23	28G05	FITTING, ST. ADAPTER 24 SAE M. X 20 SAE F.	3
24	84244-04	FITTING, CONNECTOR 20 JIC X 20 SAE M.	3
25	84654-04	FITTING, SWIVEL ELBOW 16 JIC 90 STEEL	2
26	33019	GAUGE, VACUUM (SUCTION FILTER)	2
27	29E61	GAUGE, PRESSURE USE W/ 15 PSI FILTER	1
28	23J52	FITTING, ELBOW 1/8" NPT M. X 1/8" NPT F.	6
29	120672	FITTING 6 JIC X 3/4" NPT 90	2
30	91663-04	FITTING, ELBOW 8 JIC X 3/4" NPT 90	2
31	142610-04	SOCKET PLUG 1" NPT	2
32	83754	BOLT, HEX 1/2 - 13 X 1"	3
33	83781-04	WASHER, FLAT 1/2" STEEL	3
34	83317	LOCKWASHER 1/2" SPRING STEEL GD.8	3
35	83288	NUT, HEX 1/2 - 13 GD. 8	3
36	89013-04	FILTER, TANK STRAINERS	2
37	137269-04	FILTER ELEMENT 3 MICRON NOM.	2
38	89600	BUSHING 2 X 1 1/4" NPT	2
39			
40	83764-04	FITTING, ELBOW 12 JIC M. 90 FM SWIVEL	1

SB-2500B HYDRAULIC TANK ASSEMBLY
(140317-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	89898-04	FITTING, BRANCH TEE 12 JIC SWIVEL	1
42	92993	FITTING, 24 JIC X 1 1/2" NPT M. ST	1
43	83456-04	FITTING, ADAPTER 12 JIC F. X 8 JIC RED.	2
44	84402-04	FITTING, SWIVEL RUN TEE 12 JIC	2
45	89804-04	FITTING, CONN. 12 JIC X 1 1/4 NPT ST.	2
46	83732-04	FITTING, ELBOW 8 JIC M. X 8 F. 90 SW ST.	2
47	89691	FITTING, ELBOW SWIVEL 16 JIC 45	1
48	84636-04	FITTING, SWIVEL RUN TEE 6 JIC	1
49	89813-04	PLUMB, TEE 1 1/4 NPT FEMALE	1
53	23C76	PLUMB, PIPE CAP 3/4 NPT	1
54	89605	FITTING, PIPE PLUG 3/4 NPT	2
56	142806-04	HYDRAULIC TANK DRAIN TAG	1

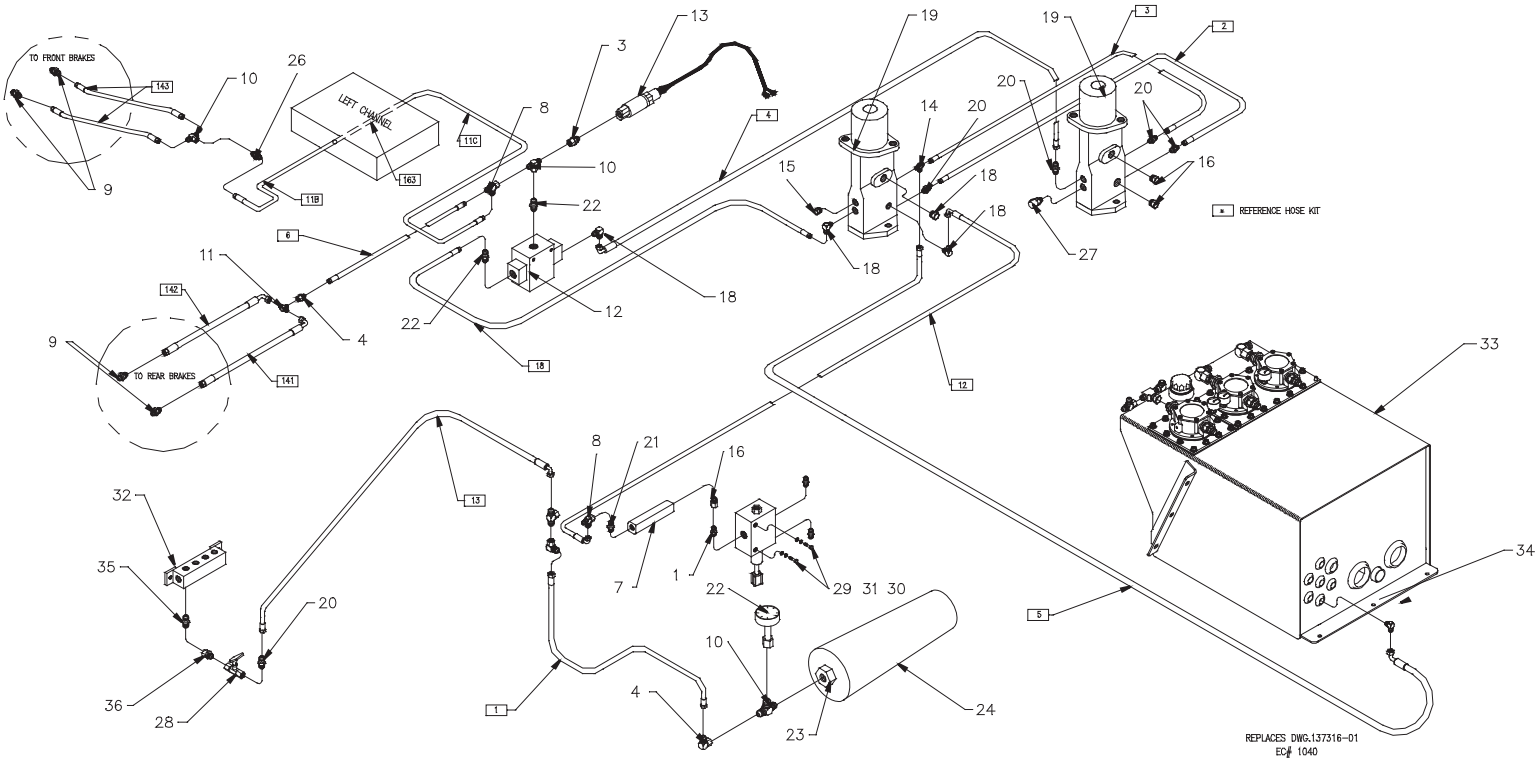
AUXILIARY PUMP & OIL COOLER HYD'S.
(143161-01)



AUXILIARY PUMP & OIL COOLER HYD'S.
(143161-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83055	NUT, HEX 3/8 - 16	8
2	83056	LOCKWASHER 3/8"	12
3	96066-04	MANIFOLD BLOCK	2
4	83457-04	FITTING - 12 JIC X 12 SAE ST	2
5	83979-04	FITTING - 12 SAE PLUG	2
6	121015-02	MANIFOLD BLOCK	1
7	83764-04	FITTING - 12 JIC SW 90	2
8	84332	BOLT, HEX 3/8 - 16 X 1"	4
9	97168	FITTING - 20 JIC X 20 SAE 90	2
10	91677-04	FITTING - 20 JIC X 1 1/4 NPT ST	1
11	86127-04	BOLT, HEX 3/8 - 16 X 3/4"	4
15	142799-03	FILTER HIGH PRESSURE IN-LINE	1
16	143172-03	FILTER BRACKET	REF
17	120671	FITTING - 12 JIC X 20 SAE ST	2
18	142926	BOLT, HEX 3/8 - 24 UNF X 1"	4
19	85216-04	FITTING - 12 JIC 90 SWIVEL ELBOW	1
20	83757	FLAT WASHER 3/8'	12
33	85875-04	FITTING - 12 JIC X 16 SAE 90	1
34	83768-04	FITTING - 24 JIC X 24 SAE ST	1
35	97551	FITTING - 12 JIC X 10 SAE 90	1
36	26J39	FITTING - 24 JIC X 1 1/2" NPT 90	1
37	85490-04	FITTING - 3/4" NPT X 12 JIC 90	3
38	84244-04	FITTING - 20 JIC X 20 SAE ST	1
39	28G05	FITTING - 24 SAE X 20 SAE ST	1
40	120671	FITTING - 12 JIC X 20 SAE ST	1

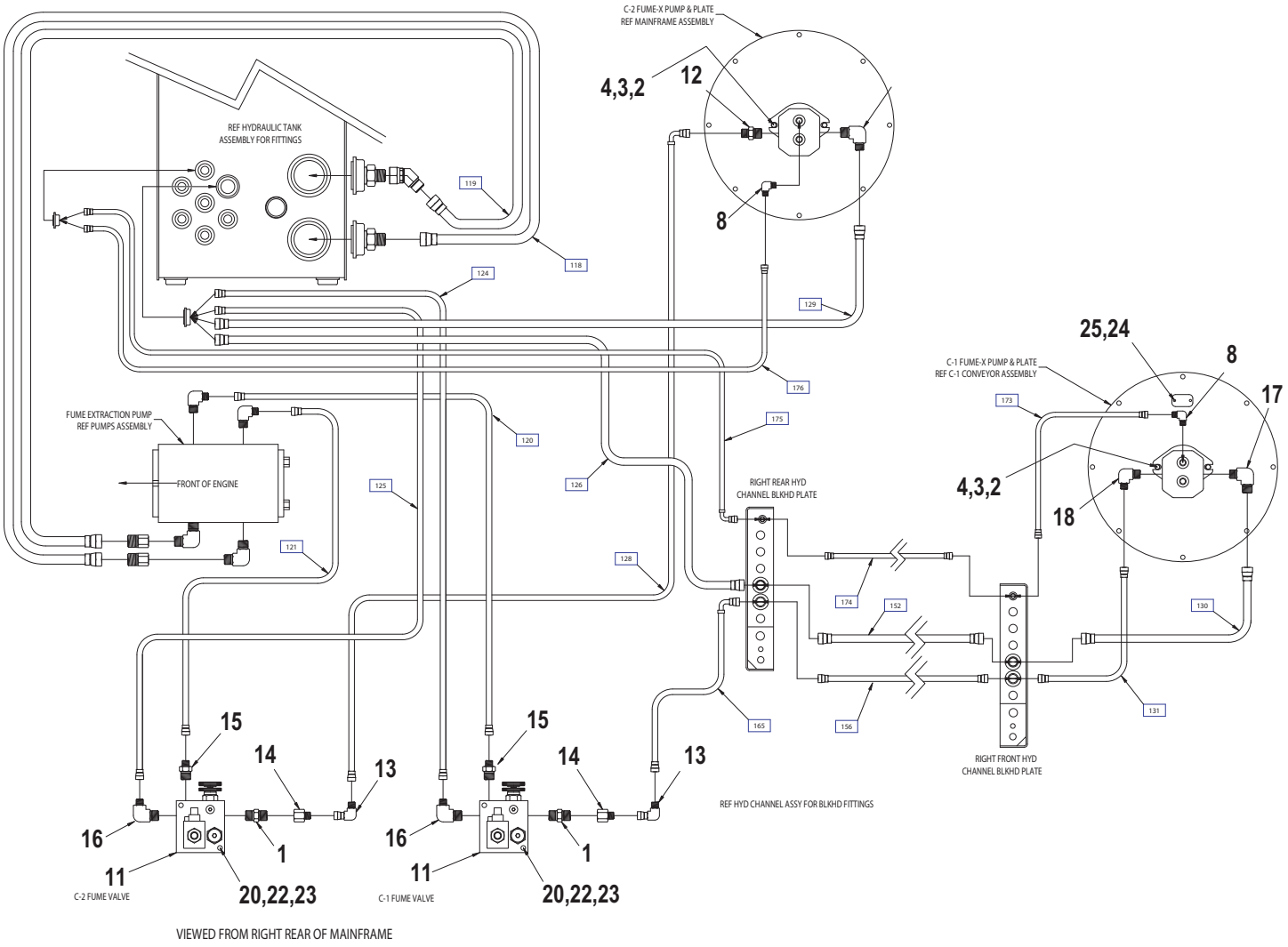
BRAKE CIRCUIT HYD'S. (ROCKWELL AXLES)
(145374-01)



BRAKE CIRCUIT HYD'S. (ROCKWELL AXLES)
(145374-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83469-04	CONNECTOR - 6 JIC X 8 SAE MALE	3
2	131680-04	TEST PORT 6 JIC	1
3	132960-04	1/4 NPTF X 6 JIC M 90	1
4	83953-04	6 JIC FEM. X 6 JIC M. 90	3
5	126763-04	VALVE - PRESSURE REDUCING (SAE)	1
6	85751-04	ADAPTER - 3/8 NPT X 6 JIC SW	1
7	99452	CHECK VALVE 3/8"	1
8	84636-04	SWIVEL RUN TEE 6 JIC	2
9	130259	BRAKE 1553 (NOT SHOWN)	4
10	89598	SWIVEL BRANCH TEE 6 JIC	3
11	93231	RUN BULKHEAD TEE 6 JIC	1
12	136641-04	VALVE - SHUTTLE 6 JIC PORTS	1
13	144981-04	PRESSURE SWITCHES SP/ST 50 PSI	1
14	91665-04	RUN TEE 6 JIC M. X 6 SAE M.	1
15	84635-04	PLUG 6 SAE THIN	1
16	89897-04	PLUG 4 SAE	3
17	88579-04	ADAPTER - 4 SAE M. X 6 SAE FEM.	1
18	83734-04	6 JIC X 6 SAE 90	3
19	99365	VALVE - ACTUATOR HYD. POWER BRAKE	2
20	83735-04	ADAPTER - 6 JIC X 6 SAE M.	6
21	89464-04	CONNECTOR - 6 JIC X 3/8 NPT M.	1
22	89059-04	GAUGE - 0 - 3000 PSI UNUGF	1
23	136299-04	REDUCER - 20 SAE M. X 6 SAE	1
24	99389	VALVE - TOBUL ACCUMALATOR	1
25	89096-04	CLAMP, DONALDSON 5/8" U-BOLT (NOT SHOWN)	REF
26	83475-04	BULKHEAD UNION 6 JIC ST	1
27	85949-04	TEST PORT CAP	1
28	131913-04	BALL VALVE 2-WAY 6 SAE	1
29	83954-04	BOLT, HEX 1/4 - 20 X 2"	2
30	83781-04	FLAT WASHER 1/2" STEEL	2
31	83317	LOCKWASHER 1/2"	2
32	121045-02	MANIFOLD	REF
33	140073-01	HYDRAULIC TANK	REF
34	120762	CONNECTOR - 6 JIC X 3/4 NPT 90	REF
35	83469-04	8 JIC X 6 SAE ST	1
36	135923-04	6 JIC X 6 SAE SW ST	1

FUME CONTROL HYDRAULICS
(143490-02)

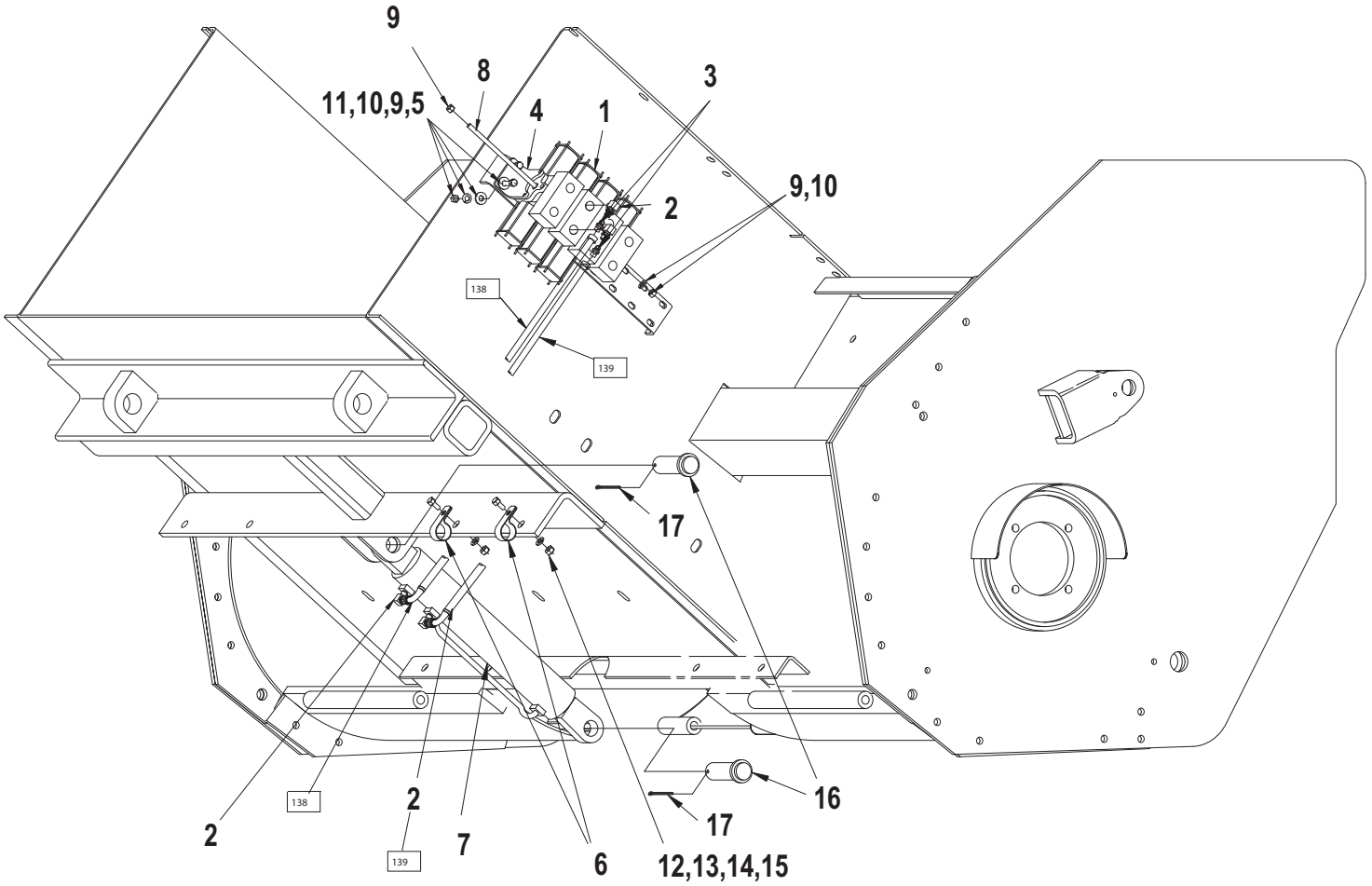


VIEWED FROM RIGHT REAR OF MAINFRAME

FUME CONTROL HYDRAULICS
(143490-02)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	142848-04	CHECK VALVE - # 12 100 PSI CRACKING	2
2	96476	BOLT, HEX 3/8 - 16 X 1 1/4"	4
3	83757	FLAT WASHER 3/8"	8
4	93175	NUT, LOCK 3/8 - 16 (SPRING STEEL)	4
8	83734-04	CONNECTOR - 6 JIC X 6 SAE M. 90	2
10	127491	CONNECTOR - 8 JIC X 12 SAE 90	2
11	142284-03	MANIFOLD - FUME EXTRACTION	2
12	83704-04	CONNECTOR - 10 SAE X 8 JIC M. ST	1
13	83732-04	8 JIC M. X 8 JIC FEM. 90 SWIVEL	2
14	83456-04	12 JIC FEM. X 8 JIC M. REDUCER	2
15	89616	CONNECTOR - 12 SAE X 8 JIC M. ST	2
16	127491	CONNECTOR - 12 SAE X 8 JIC M. 90	2
17	97551	CONNECTOR - 10 SAE X 12 JIC M. 90	2
18	123831	CONNECTOR - 10 SAE X 8 JIC M. 90	1
19	93175	NUT, LOCK 3/8"	4
20	90882-04	BOLT, HEX 5/16 - 18 X 4"	4
21	87593-04	NUT, HEX 5/16"	4
22	87328-04	LOCKWASHER 5/16" SPRING STEEL	4
23	90871	FLAT WASHER 5/16" STEEL	4
24	83065	LOCKWASHER 1/4" SPRING STEEL	2
25	83144	BOLT, HEX 1/4 - 20 X 1/2"	2

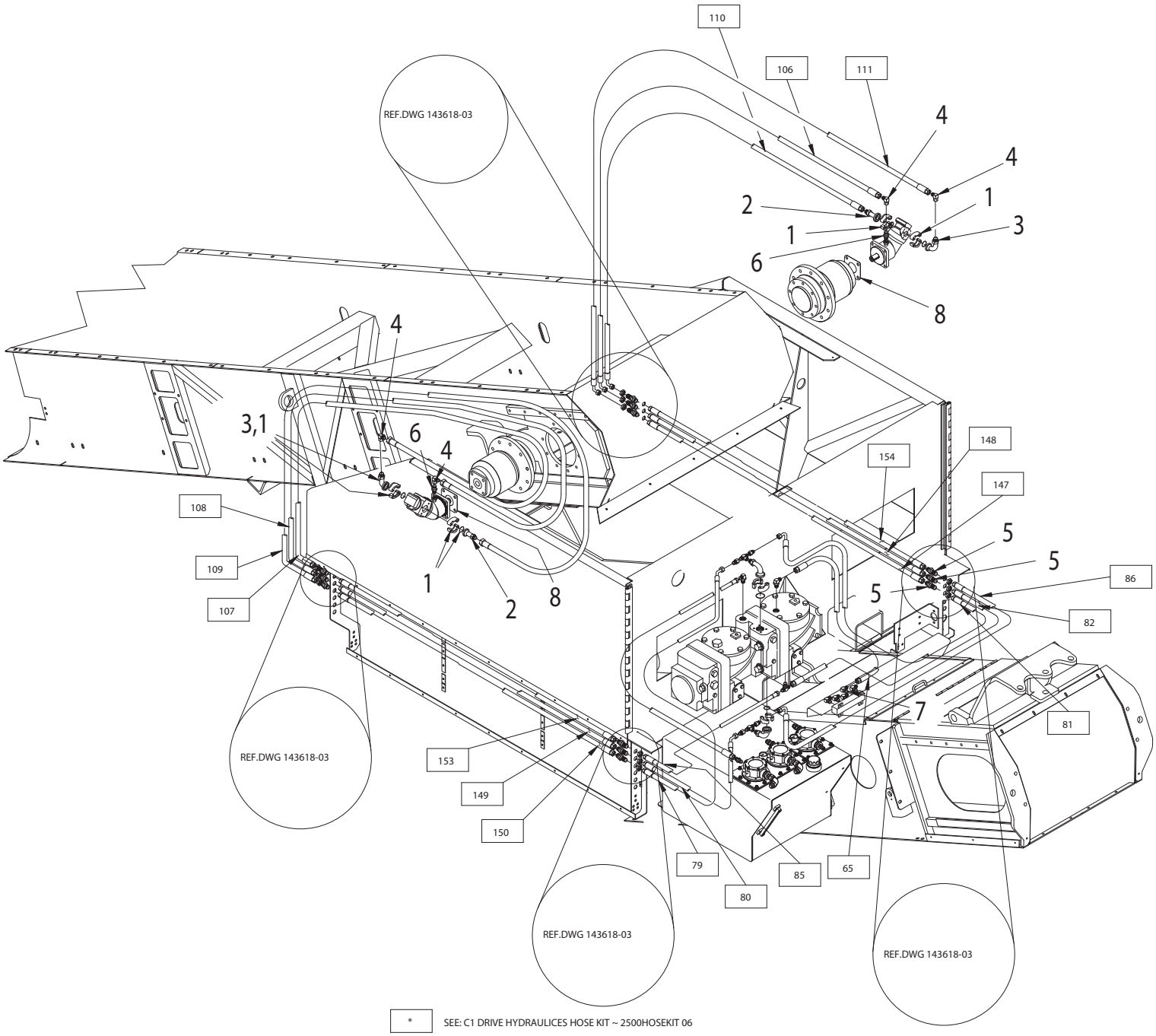
C-1 CLEAN-OUT DOOR HYDRAULICS
(149421-01)



C-1 CLEAN-OUT DOOR HYDRAULICS
(149421-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	97553	SOLENOID VALVE - RACINE	1
2	84426-04	6 JIC X 8 SAE 90 M.	4
3	135409-04	REST 6 JIC X 1/32" ORIFACE ST	2
4	86231-04	VALVE BRACKET	2
5	83757	FLAT WASHER 3/8"	8
6	16P29	CLAMP - BOLT SIZE 1/2" HOSE	2
7	149425-01	CYL. MOD. C-1 CLEAN-OUT DOOR	1
8	86192	ALL-THREAD 3/8 - 16 X 11"	3
9	83055	NUT, HEX 3/8 - 16	10
10	83056	LOCKWASHER 3/8" SPRING STEEL	4
11	96746	BOLT, HEX 3/8 - 16 X 1 1/4"	4
12	89142	BOLT, HEX 1/2" X 1 3/4"	2
13	83288	NUT, HEX 1/2 - 13	2
14	83317	LOCKWASHER 1/2"	2
15	83781-04	FLAT WASHER 1/2"	4
16	149429-03	PIN C-1 CLEAN-OUT DOOR	2
17	70741	COTTER PIN 3/16" X 2 1/2"	2

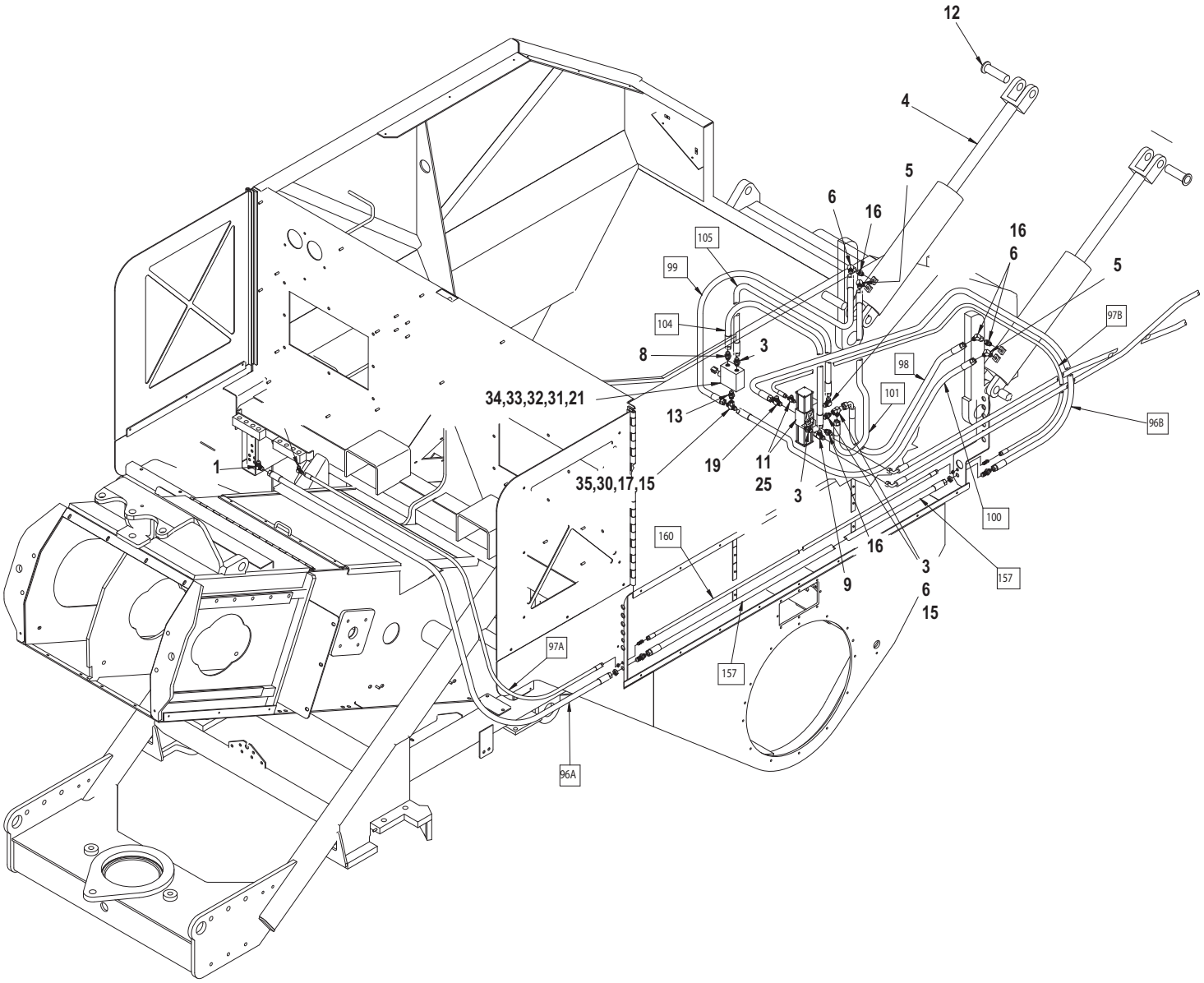
C-1 DRIVE HYDRAULICS
(120743-01)



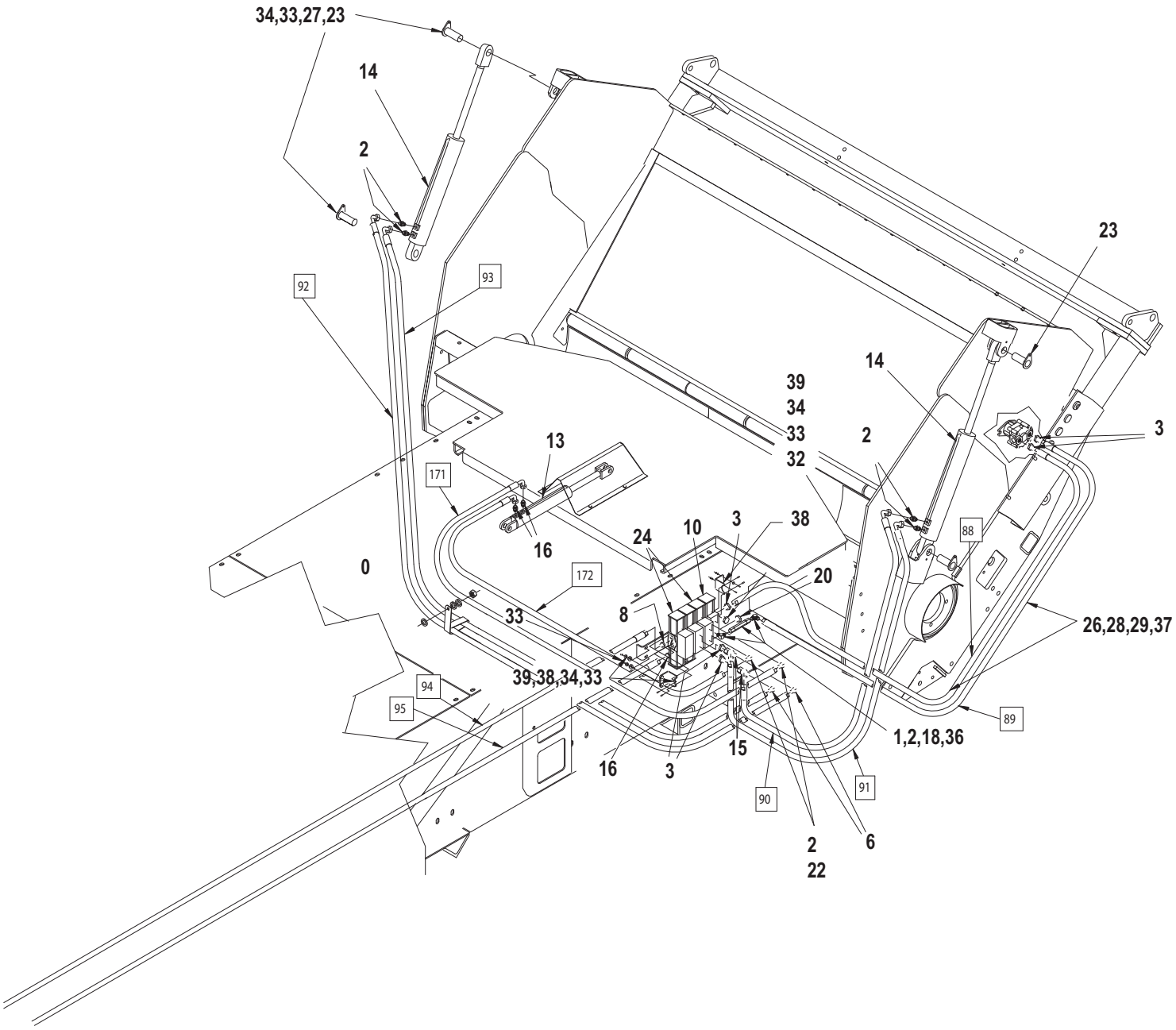
C-1 DRIVE HYDRAULICS
(120743-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	90729	FLANGE KIT # 16	4
2	97568	# 16 FLANGE X 12 JIC ST CODE 62	2
3	83868-04	# 16 FLANGE X 12 JIC 90 CODE 62	2
4	83764-04	ELBOW - 12 JIC M. X 12 JIC FEM. SWIVEL 90	4
5	83476-04	BULKHEAD 12 JIC ST	REF
6	83458-04	CONNECTOR - 8 SAE M. X 12 JIC M.	2
7	85490-04	ELBOW - 12 JIC M. X 3/4 NPT M. 90	1
8	130086-C1	GASKET, DRIVE MOTOR (AUSCO BRAKE)	2

C-1 LIFT, DUMP, VIBRATOR & BAFFLE HYD'S
(149420-01)



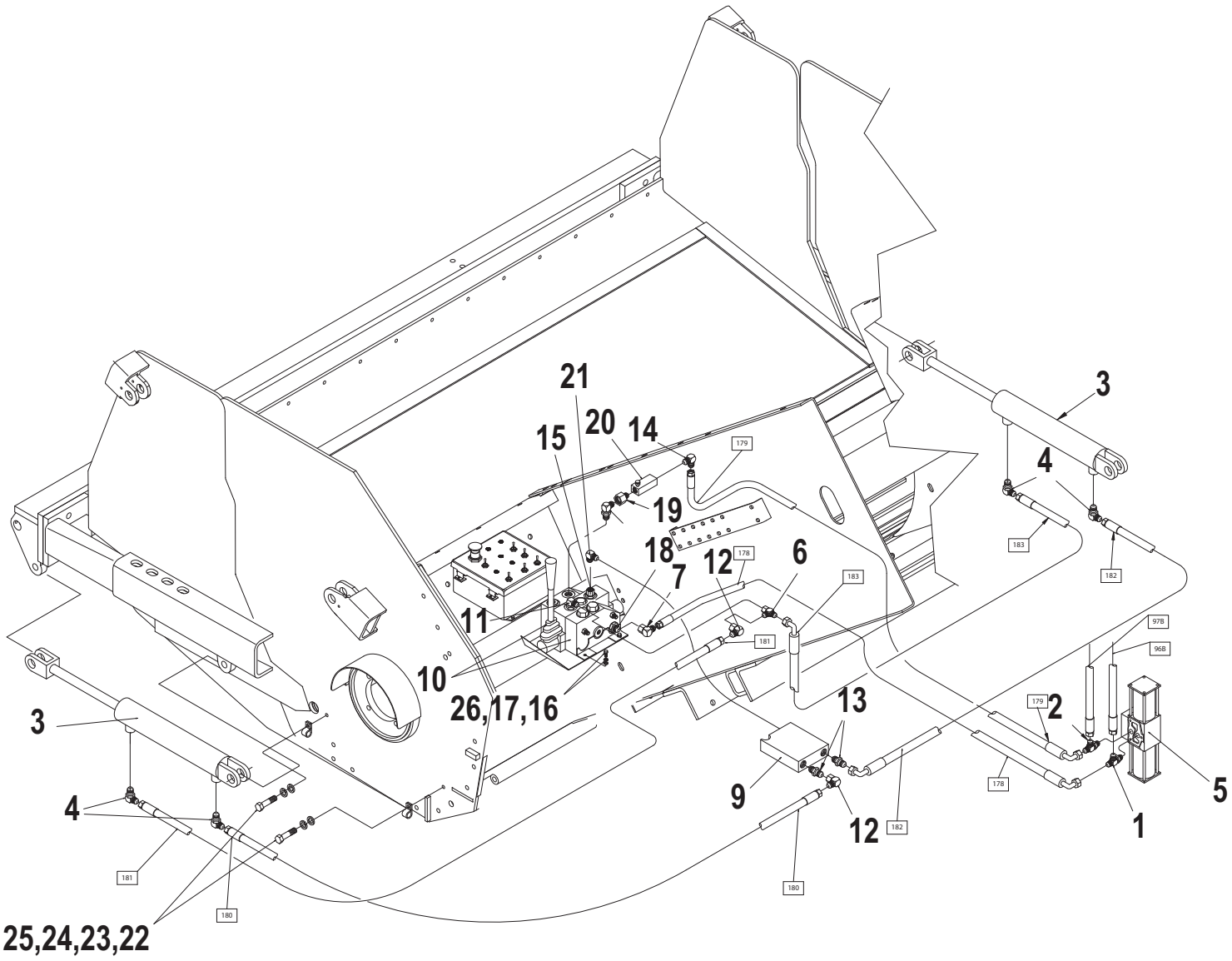
C-1 LIFT, DUMP, VIBRATOR & BAFFLE HYD'S
(149420-01)



C-1 LIFT, DUMP, VIBRATOR & BAFFLE HYD'S
(149420-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83460-04	CONNECTOR 8 JIC X 8 SAE 90 ELBOW	2
2	84426-04	CONNECTOR 6 JIC X 8 SAE 90 ELBOW	8
3	83469-04	CONNECTOR - 6 JIC X 8 SAE ST ADAPTER	8
4	144896-01	CYLINDER - 6.00 BORE X 22.00 STROKE	2
5	83734-04	CONNECTOR - 6 JIC X 6 SAE 90 ELBOW	2
6	83953-04	CONNECTOR - 6 JIC SWIVEL 90 ELBOW	4
7	83767-04	PLUG - 8 SAE	1
8	83459-04	CONNECTOR - 8 JIC X 8 SAE ST ADAPTER	3
9	84638-04	CONNECTOR - 8 JIC SWIVEL RUN TEE	1
10	96550-04	VALVE - VIBRATOR	1
11	99491-03	VALVE - C-1 LIFT & BAFFLE	1
12	149428-03	PIN - C-1 LIFT SAFETY BAR	2
13	97482-01	CYL. - 2.50 BORE X 12.25 STROKE W/ PINS	1
14	144897-01	CYL. - 3.00 BORE X 15.75 STROKE	2
15	84636-04	CONNECTOR - 6 JIC SWIVEL RUN TEE	4
16	83735-04	CONNECTOR - 6 JIC X 6 SAE ST ADAPTER	6
17	89598	CONNECTOR - 6 JIC SWIVEL RUN TEE	1
18	131623-04	VALVE - FLOW CONTROL	1
19	83766-04	CONNECTOR - 8 JIC X 8 SAE RUN TEE	1
20	84635-04	PLUG - 6 SAE	1
21	126763-04	REDUCING VALVE	1
22	135775-04	ORIFACE 1/16"	2
23	149428-03	PIN - DUMP HOPPER / PLATFORM RAISE	4
24	97553	VALVE - SOLENOID W/ DUAL-POINT CHECKS	2
25	91665-04	CONNECTOR - 6 JIC X 6 SAE RUN TEE	1
26	16P29	HOSE CLAMP - 1/2" BOLT SIZE	4
27	84332	BOLT, HEX 3/8 - 16 X 1"	4
28	83317	LOCKWASHER 1/2" SPRING STEEL	4
29	83781-04	FLAT WASHER 1/2" STEEL	4
30	131680-04	TEST PORT 6 JIC	1
31	121200	BOLT, HEX 3/8 X 3"	2
32	83055	NUT, HEX 3/8"	6
33	83056	LOCKWASHER 3/8"	10
34	83757	FLAT WASHER 3/8	11
35	85949-04	TEST PORT CAP	1
36	122168	8 SAE X 8 JIC SW ST	1
37	86164	BOLT, HEX 1/2" X 1 1/4"	4
38	86231-04	VALVE BRACKET	2
39	96478	BOLT, HEX 3/8 - 16 X 1 1/4"	4

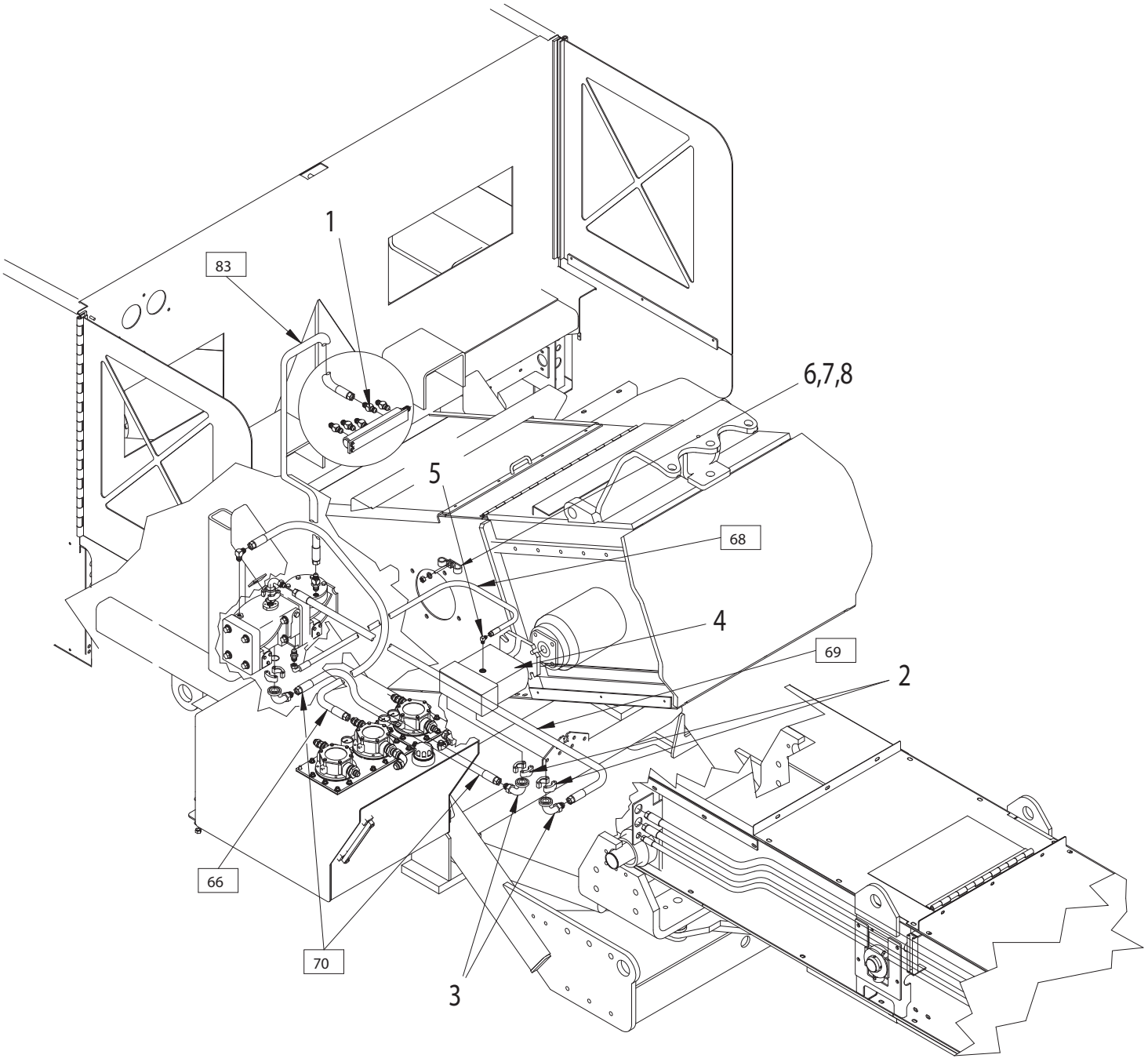
PUSH ROLLER HYDRAULICS
(149418-01)



PUSH ROLLER HYDRAULICS
(149418-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83766-04	8 SAE X 8 JIC RUN TEE	REF
2	91665-04	6 SAE X 6 JIC RUN TEE	REF
3	97482-01	CYLINDER - 2.50 BORE X 12.25 STROKE	2
4	83734-04	6 SAE X 6 JIC M. 90 ELBOW	4
5	99491-03	SOLENOID VALVE	REF
6	84636-04	6 JIC SWIVEL RUN TEE	1
7	83732-04	8 JIC M. X 8 SAE FEM. 90 SWIV ELBOW	1
8	92987	10 SAE X 6 JIC 90 ELBOW	1
9	136312-03	VALVE - FLOW DIVIDER 50/50 SPLIT	1
10	137458-04	VALVE - V10 MANUAL DIRECTIONAL CNTL.	1
11	84426-04	8 SAE X 6 JIC 90 ELBOW	1
12	83953-04	6 JIC FEM. 90 SWIVEL ELBOW	2
13	83469-04	CONNECTOR - 8 SAE M. X 6 JIC	2
14	85462-04	6 JIC X 1/4" NPT 90 ELBOW	1
15	122168	CONNECTOR - 8 SAE X 8 JIC SW. ST.	1
16	89988-04	BOLT, HEX 1/4 - 20 UNC X 3/4"	4
17	83065	LOCKWASHER 1/4" NOM. I.D. SPRING STEEL	4
18	83704-04	CONNECTOR 8 JIC X 10 SAE ST	1
19	86622-04	CONNECTOR - 6 JIC SWIVEL X 1/4" NPT	1
20	26N99	VALVE - FLOW CONTROL 3 GPM 3000 PSI	1
21	83460-04	8 JIC X 8 SAE M. 90	1
22	16P29	HOSE CLAMP - 1/2' BOLT SIZE	4
23	86164	BOLT, HEX 1/2" X 1 1/4"	4
24	83781-04	FLAT WASHER 1/2"	4
25	83317	LOCKWASHER 1/2"	4
26	84444	FLAT WASHER 1/4"	4

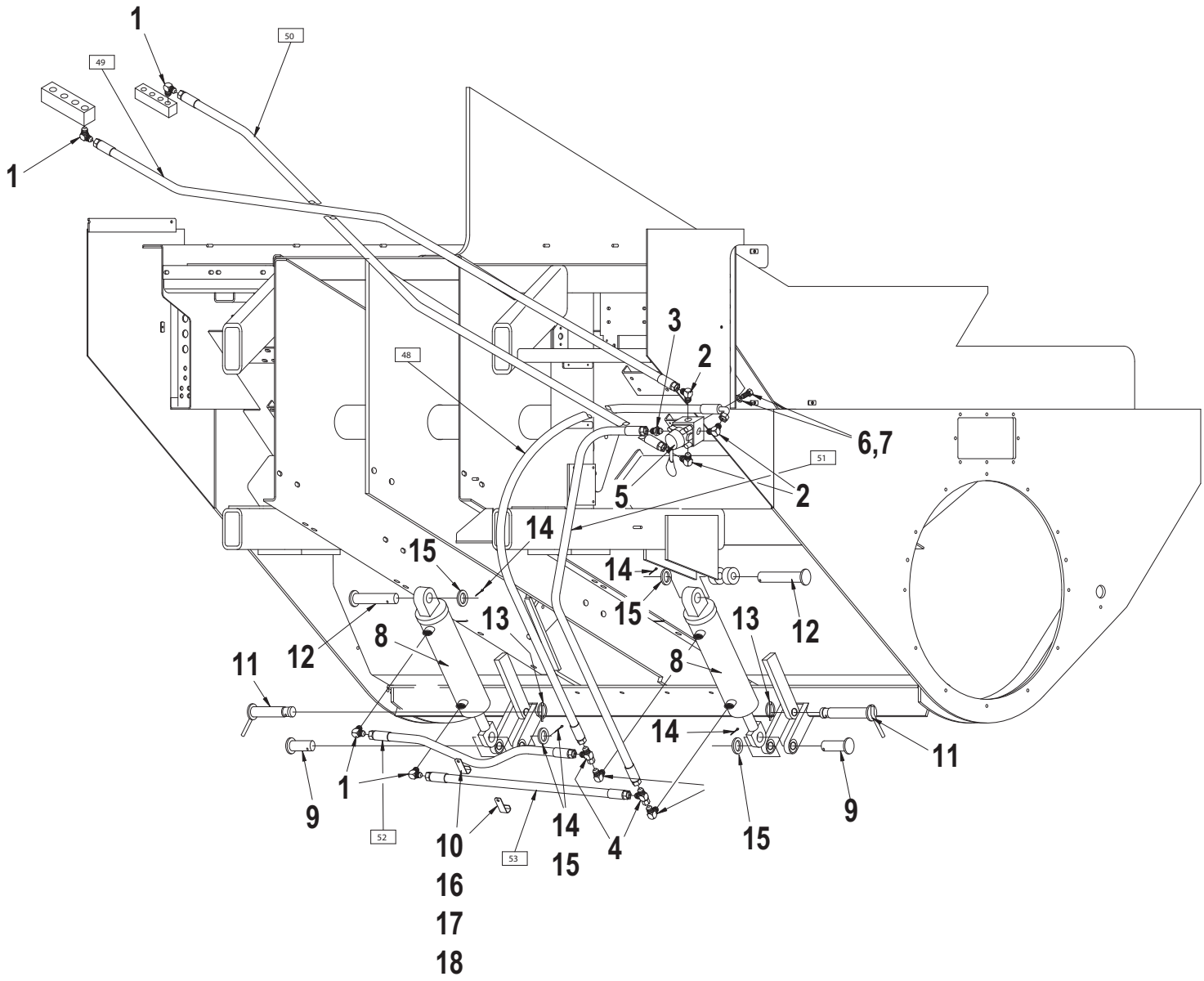
C-2 DRIVE HYDRAULICS
(149543-01)



C-2 DRIVE HYDRAULICS
(149543-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	85490-04	CONNECTOR - 12 JIC X 3/4" NPT 90	1
2	96765	# 20 FLANGE KIT CODE 62	2
3	99945	# 20 FLANGE 45 X 20 JIC CODE 62	2
4	149224-04	MOTOR - 130 cc ORIFACE LOOP FLUSH	1
5	85875-04	16 SAE M. X 12 JIC M. 90 ELBOW	1
6	99965	CLAMP - 2" RUBBERIZED TUBE	2
7	83055	NUT, HEX 3/8 - 16	1
8	85148	LOCKWASHER 3/8" SPRING STEEL	1

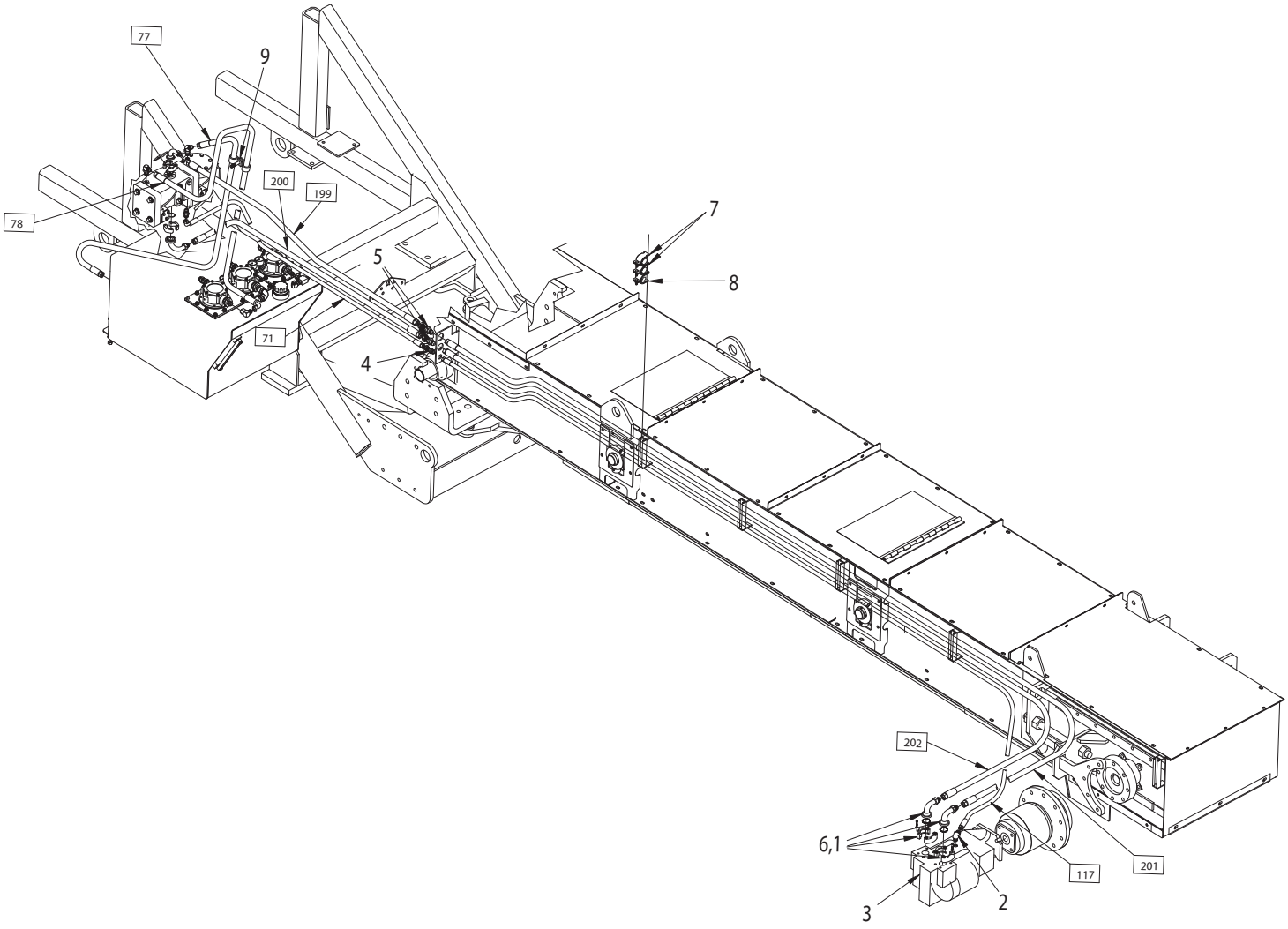
C-2 CLEAN-OUT DOOR HYDRAULICS
(149422-01)



C-2 CLEAN-OUT DOOR HYDRAULICS
(149422-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	84426-04	6 JIC X 8 SAE M. 90 ELBOW	6
2	83734-04	6 JIC X 6 SAE 90 ELBOW	3
3	83735-04	CONNECTOR - 6 JIC X 6 SAE	1
4	84636-04	6 JIC SWIVEL RUN TEE	2
5	134239-04	VALVE - MANUAL CONTROL	1
6	89297	BOLT, HEX 5/16 - 18 UNC X 1"	4
7	87328-04	LOCKWASHER 5/16" NOM. I.D.	4
8	144898-01	CYLINDER - 2.50 BORE X 11.00 STROKE	2
9	129587-04	PIN - C-2 / C-3 CLEAN-OUT DOOR	2
10	16P29	HOSE CLAMP - 1/2" BOLT SIZE	2
11	121690-03	PIN - SAFETY BAR	2
12	129586-04	PIN - C-2 CLEAN-OUT DOOR CYL.	2
13	144993-04	LINCH PIN 3/16"	2
14	27D66	COTTER PIN 3/16" X 2"	4
15	83376-04	FLAT WASHER 1" STEEL	4
16	83288	NUT, HEX 1/2"	2
17	83317	LOCKWASHER 1/2"	2
18	83781-04	FLAT WASHER 1/2"	2

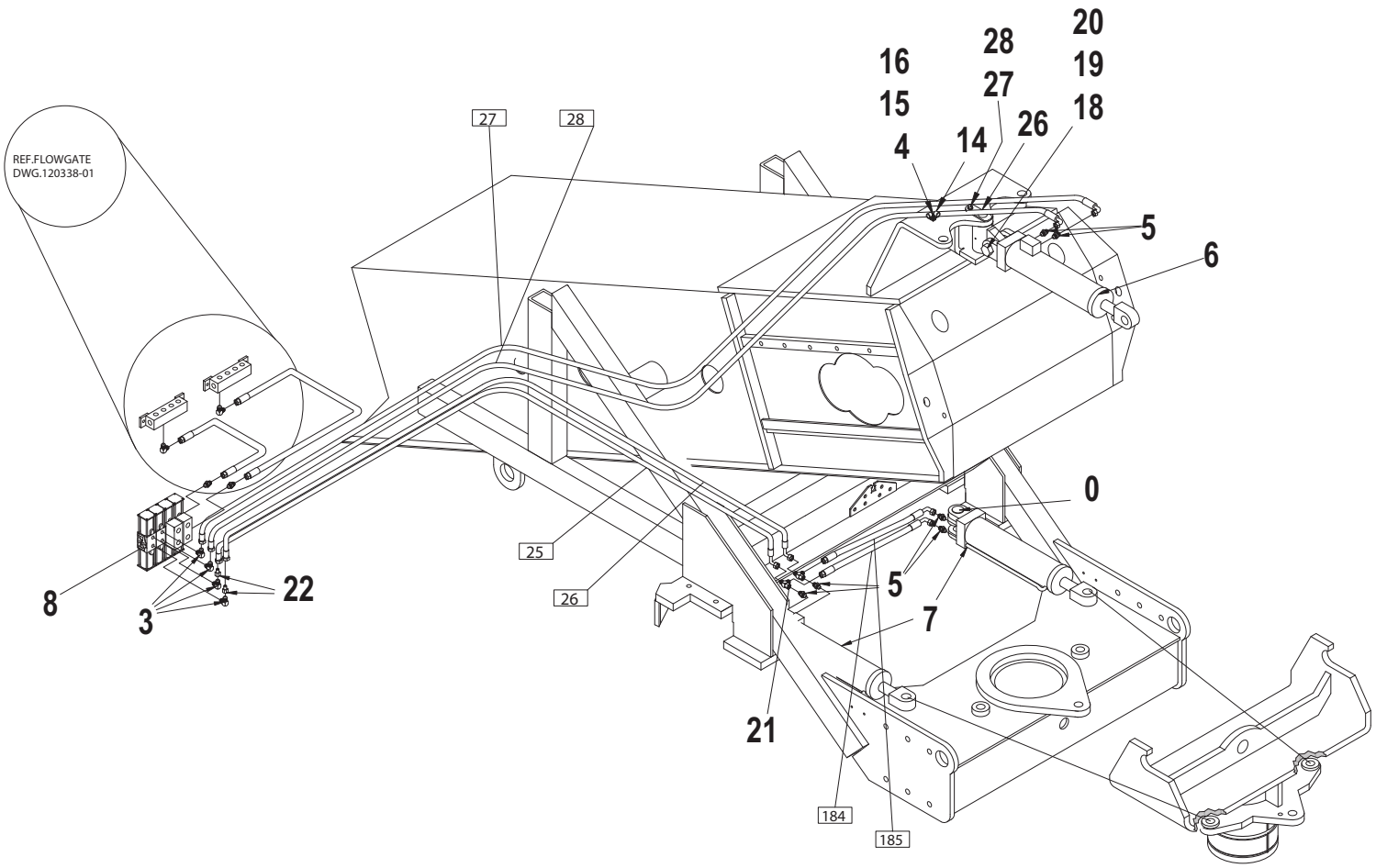
C-3 DRIVE HYDRAULICS
(145972-01)



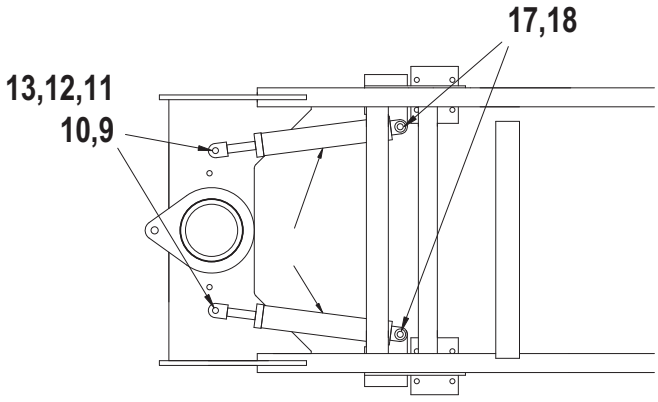
C-3 DRIVE HYDRAULICS
(145972-01)

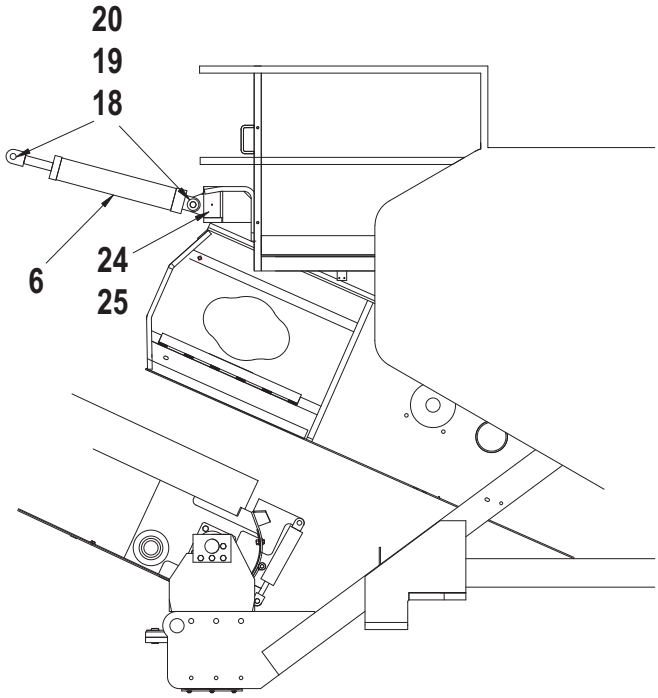
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	121517	# 16 FLANGE 45 X 16 JIC CODE 62	2
2	120439	10 SAE X 12 JIC 45 ELBOW	1
3	91681-04	MOTOR - DRIVE (SAUER-SUNSTRAND)	1
4	83476-04	BULKHEAD UNION 12 JIC	1
5	89604	BULKHEAD UNION 16 JIC	2
6	90729	# 16 FLANGE KIT CODE 62	2
7	145538	CLAMP - 1/2" HOSE	14
8	149015	CLAMP - 1 1/8" HOSE	7
9	147412-04	CLAMP - 1 9/16" I.D. W/ 3/8" BOLT HOLE	2

C-3 SWING & LIFT HYDRAULICS
(149423-01)



C-3 SWING & LIFT HYDRAULICS
(149423-01)

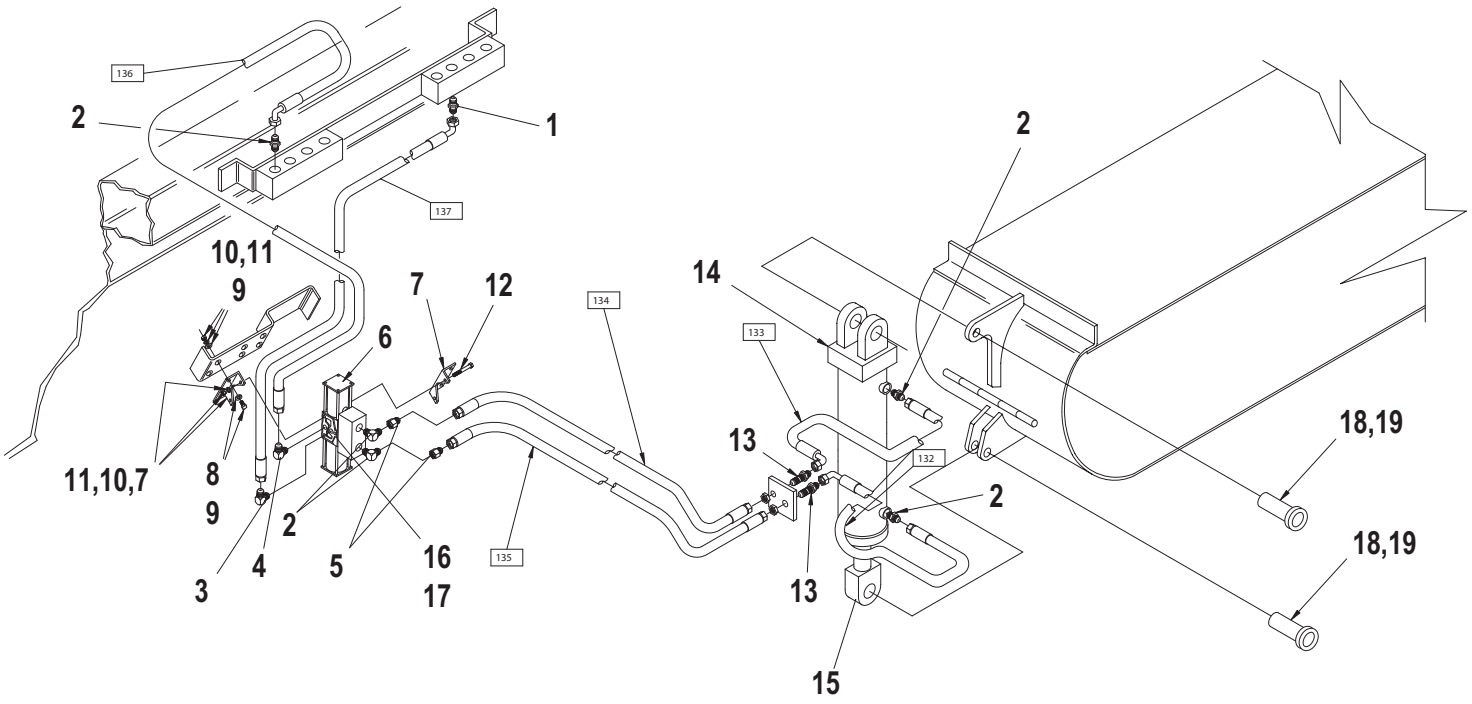




C-3 SWING & LIFT HYDRAULICS
(149423-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83459-04	CONNECTOR 8 JIC X 8 SAE M.	1
2	83460-04	8 JIC X 8 SAE 90 ELBOW	1
3	84426-04	CONNECTOR 6 JIC X 8 SAE 90 M.	4
4	89773	BOLT, HEX 1/4 - 20 X 1"	1
5	83735-04	ADAPTER 6 JIC X 6 SAE M.	6
6	144900-01	CYLINDER 5.00 BORE X 26.00 STROKE	1
7	144901-01	CYLINDER 4.00 BORE X 21.00 STROKE	2
8	99491-03	SOLENOID VALVE - 12 V. W/ PINS BOTH ENDS	2
9	149430-03	PIN - C-3 SWING CYL. (REAR)	2
10	93121	BOLT, HEX 1/2 - 13 X 2 1/2"	2
11	83871-04	FLAT WASHER 1/2" STEEL	2
12	83317	LOCKWASHER 1/2" SPRING STEEL	2
13	83288	NUT, HEX 1/2 - 13	2
14	20K35	CLAMP - 5/8" DIA. X 1/2" X 1/4" HOLE	2
15	84444	FLAT WASHER 1/4" STEEL	1
16	83065	LOCKWASHER 1/4" SPRING STEEL	1
17	129578-04	PIN - C-3 SWING CYL. (FRONT)	2
18	70741	COTTER PIN 3/16" X 2 1/2"	4
19	129923	NUT, HEX (SLOTTED CASTLE) 1 1/4 - 12	2
20	149121-04	MODIFIED BOLT - C-3 LIFT CYLINDER	2
21	84636-04	6 JIC SW RUN TEE	2
22	136649-04	ORIFICE 3/32"	2
23	86231-04	VALVE BRACKET	2
24	140695-03	CONVEYOR LINK	1
25	83416	GREASE FITTING 1/8" NPT	1
26	149432-03	PIN - C-3 CONVEYOR LINK	1
27	92703	BOLT, HEX 3/4 - 10 X 1 1/4'	1
28	83752-04	LOCKWASHER 3/4" SPRING STEEL	1

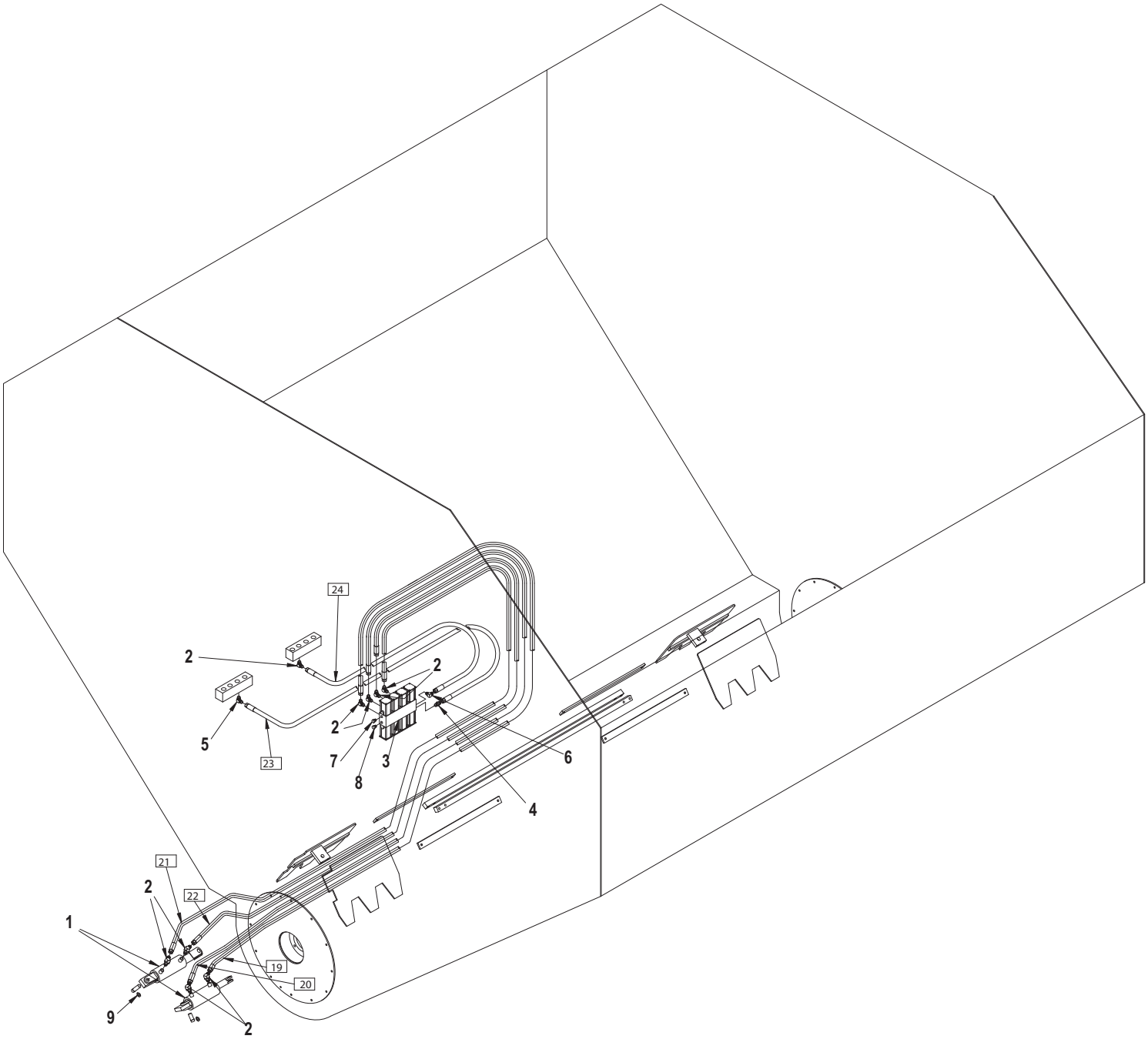
C-3 CLEAN-OUT DOOR HYDRAULICS
(149424-01)



C-3 CLEAN-OUT DOOR HYDRAULICS
(149424-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83469-04	CONNECTOR - 6 JIC X 8 SAE M. ST	3
2	84426-04	6 JIC X 8 SAE M. 90 ELBOW	3
3	83734-04	6 JIC X 6 SAE M. 90 ELBOW	1
4	83460-04	8 JIC X 8 SAE M. 90 ELBOW	1
5	135942-04	1/64 ORIFICE RESTRICTOR	2
6	97553	SOLENOID VALVE (RACINE)	1
7	86231-04	VALVE BRACKET	2
8	96476	BOLT, HEX 3/8 - 16 UNC X 1 1/4"	4
9	83757	FLAT WASHER 3/8" NOM. I.D.	8
10	83056	LOCKWASHER 3/8" NOM. I.D.	4
11	83055	NUT, HEX 3/8 - 16 UNC	6
12	121200	BOLT, HEX 3/8 - 16 UNC X 3"	2
13	83475-04	BULKHEAD UNION 6 JIC ST	2
14	144899-01	CYLINDER 2.00 BORE X 4.50 STROKE	1
15	83439-04	ROD END - 1 1/4" FEM. (RT-HAND THREAD)	1
16	83767-04	PLUG 8 SAE	1
17	84635-04	PLUG 6 SAE	1
18	149431-03	PIN - C-3 CLEAN-OUT DOOR	2
19	144993-04	LYNCH PIN 3/16"	2

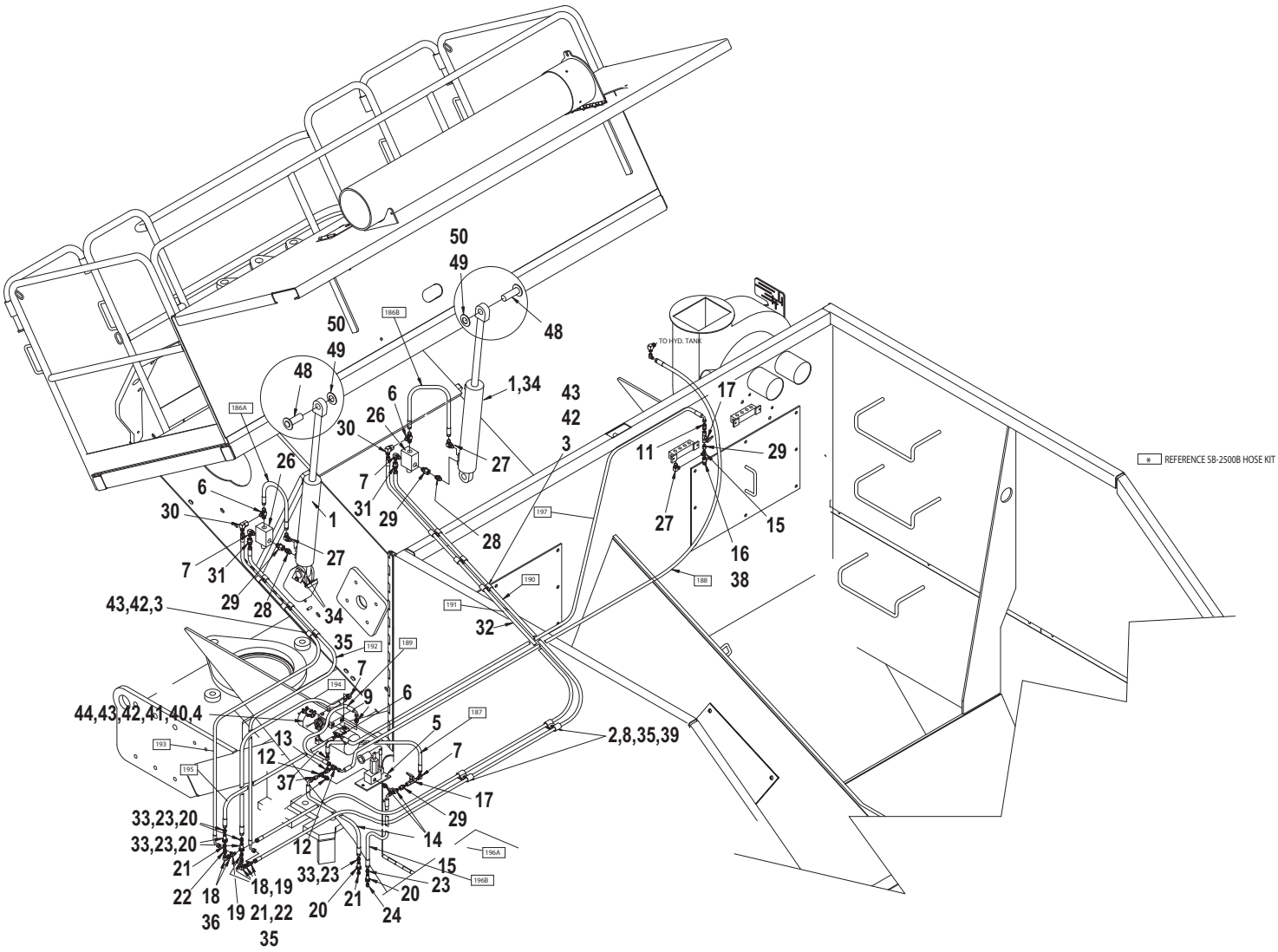
FLOWGATE HYDRAULICS
(149417-01)



FLOWGATE HYDRAULICS
(149417-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	144894-01	CYLINDER 3.00 BORE X 5.00 STROKE	2
2	84426-04	8 SAE X 6 JIC 90 ELBOW	9
3	127232	SOLENOID VALVE - 12 V. W/ THERMO-RELIEF	2
4	83459-04	CONNECTOR - 8 SAE M. X 8 JIC	1
5	83460-04	8 SAE X 8 JIC 90 ELBOW	1
6	83734-04	ADAPTER - 6 SAE X 6 JIC M. 90	1
7	84635-04	PLUG - 6 SAE THIN HEAD	1
8	83767-04	PLUG - 8 SAE	1
9	144993-04	LYNCH PIN - 3/16"	4

PLATFORM RAISE HYDRAULICS
(149419-01)



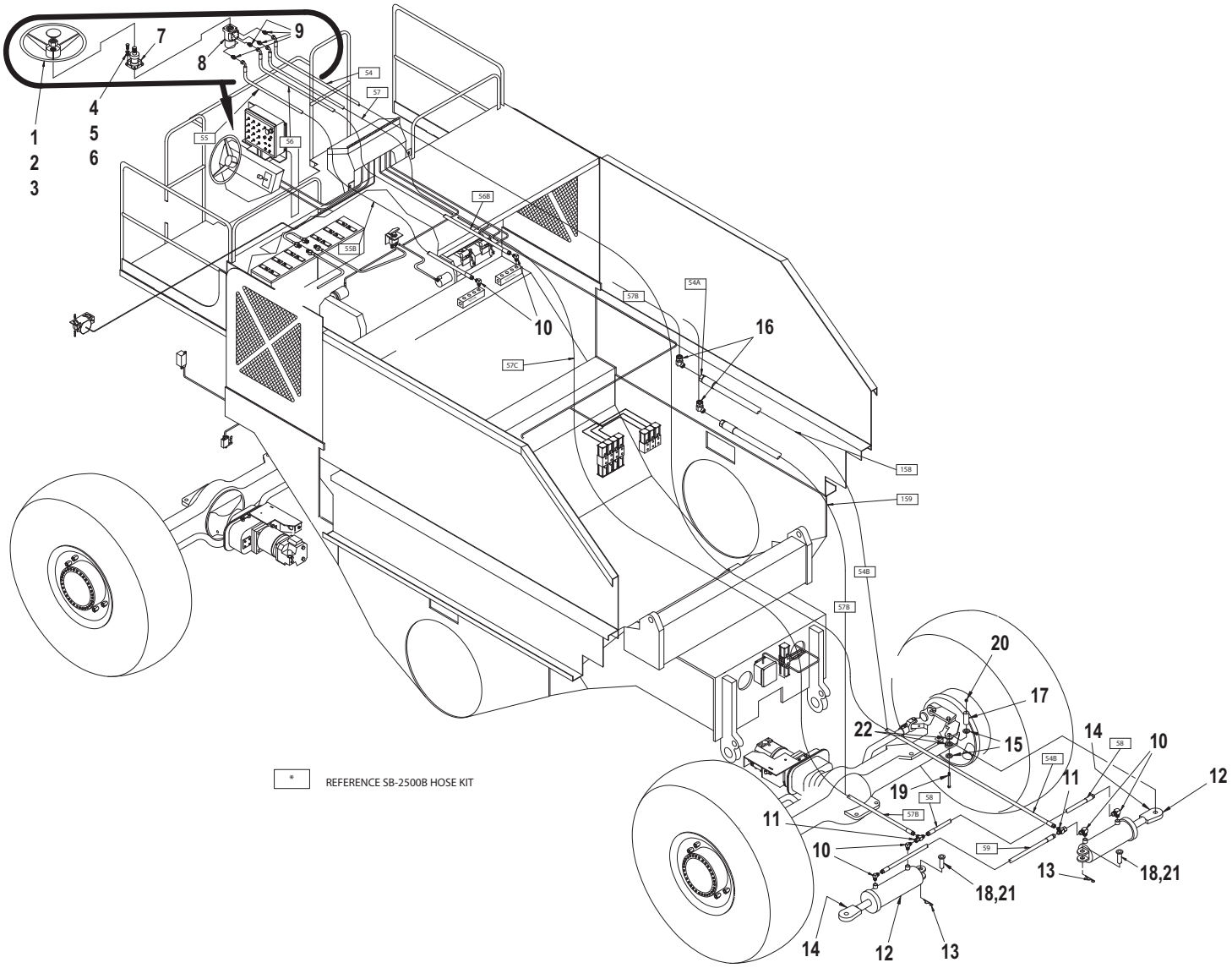
PLATFORM RAISE HYDRAULICS
(149419-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	144897-01	CYLINDER - 3.00 BORE X 15.75 STROKE	2
2	83317	LOCKWASHER 1/2" SPRING STEEL	2
3	20K35	CLAMP - 5/8" DIA.	12
4	147197	24 V. POWER PACK UNIT W/ SAE BLOCK	1
5	98296	PUMP - HAND OPERATED SINGLE PISTON	1
6	91665-04	6 JIC M. X 6 SAE M. RUN TEE	3
7	83734-04	6 JIC X 6 SAE 90	3
8	16P29	HOSE CLAMP - 1/2" BOLT SIZE	2
9	83459-04	CONNECTOR - 8 JIC X 8 SAE M.	1
10	83464-04	CONNECTOR - 8 JIC X 3/8" NPT M.	1
11	141183-04	VALVE ADAPTER - 6 JIC CHECK	1
12	84640-04	8 JIC SWIVEL BRANCH TEE	2
13	84638-04	8 JIC SWIVEL RUN TEE	1
14	89464-04	CONNECTOR - 6 JIC X 3/8" NPT M.	1
15	89598	6 JIC SWIVEL BRANCH TEE	2
16	131680-04	TEST PORT - 6 JIC	1
17	131913-04	VALVE - 2 WAY BALL 6 SAE	2
18	85381	BULKHEAD 6 JIC 90	2
19	84636-04	6 JIC SWIVEL RUN TEE	2
20	92279-04	QUICK DISCONNECT - 1/4" NPT FEM.	4
21	92280-04	QUICK DISCONNECT - 1/4" NPT M.	4
22	86622-04	ADAPTER - 1/4" NPT M. X 6 JIC FEM. SW	2
23	86170-04	ADAPTER - 6 JIC X 1/4" NPT M.	4
24	80168-04	CLOSE NIPPLE - 1/4" STEEL	2
25	98247	PLUG - 1/4" NPT C'SUNK SOC. HD. BRASS	2
26	97686-04	VALVE - HOLDING (FOR HOOD CYL.)	2
27	84426-04	6 JIC X 8 SAE 90 M.	2
28	83469-04	CONNECTOR - 6 JIC X 8 SAE M.	2
29	135923-04	6 SAE M. X 6 JIC FEM. SW. STR.	4
30	83953-04	ELBOW - 6 JIC 90 FEM. SWIVEL	2
31	135409-04	REST 6 JIC X 1/32" ORIFICE ST	2
32	20K35	CLAMP - 5/8" DIA. X 1/2' X 1/4"	12
33	137207	LOCTITE GASKET ELIMINATOR	0.25
34	149426-03	PIN - DUMP HOPPER / PLATFORM RAISE	2
35	83781-04	FLAT WASHER 1/2" STEEL	4
36	123387	HYDRAULIC OIL AW46	1/2 GAL
37	84060-04	REDUCER - 8 JIC X 6 JIC	2
38	85949-04	TEST PORT CAP	1
39	83288	NUT, HEX 1/2 - 13	2
40	96476	BOLT, HEX 3/8 - 16 X 1 1/4"	5

PLATFORM RAISE HYDRAULICS
(149419-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	83757	FLAT WASHER 3/8" STEEL	13
42	83056	LOCKWASHER 3/8" SPRING STEEL	17
43	83055	NUT, HEX 3/8 - 16	12
44	98296-C1	KIT - CLIP FOR PUMP HANDLE	2
45	98296-C2	KIT - HANDLE FOR HAND PUMP	1
46	83114	BOLT, HEX 1/4 - 20 X 1/2"	2
47	83288	LOCKWASHER 1/4" SPRING STEEL	2
48	149427-03	PIN - PLATFORM RAISE (ROD END)	2
49	86410-04	WASHER 1 1/4" N-SERIES	2
50	70741	COTTER PIN - 3/16" X 2 1/2"	2

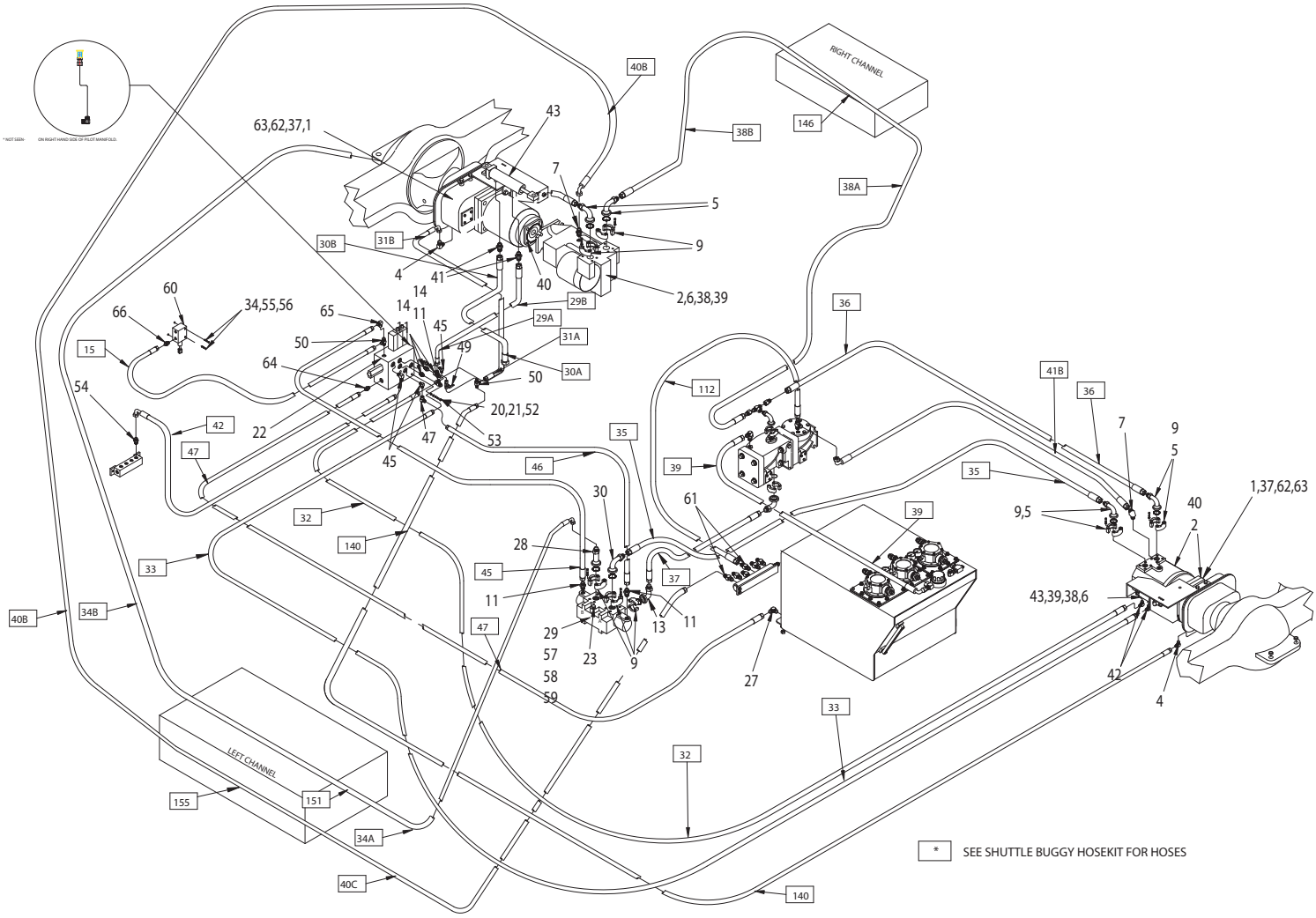
STEERING HYDRAULICS
(149416-01)



STEERING HYDRAULICS
(149416-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	O3915	STEERING WHEEL CAP	1
2	89045	STEERING WHEEL NUT	1
3	O3913	STEERING WHEEL	1
4	83924	BOLT, HEX 3/8 - 16 X 1 1/2"	4
5	83056	LOCKWASHER 3/8"	4
6	83757	FLAT WASHER 3/8"	6
7	80375-04	STEERING COLUMN	1
8	89048-04	STEERING VALVE	1
9	83496-04	6 JIC X 8 SAE ST	4
10	84426-04	6 JIC X 8 SAE 90 M.	6
11	84636-04	6 JIC SWIVEL RUN TEE	2
12	144895-01	CYLINDER 3.50 BORE X 8.25 STROKE	2
13	93917	COTTER PIN - 1/4" X 2"	4
14	89462-04	GREASE FITTING - 1/8" NPT 90	2
15	140174-04	WASHER - STEERING CYL.	4
16	90768-04	6 JIC 45 SWIVEL	2
17	140175-04	PIN - STEERING COLUMN (OUTSIDE)	2
18	130686-04	PIN - STEERING COLUMN (INSIDE)	2
19	20N62	BOLT, HEX 3/8 X 5"	2
20	92235	NUT, LOCK 3/8"	2
21	83416	GREASE FITTING - 1/8" NPT ST	2
22	122043-04	SPACER	4

WHEEL DRIVE HYDRAULICS
(147115-01)



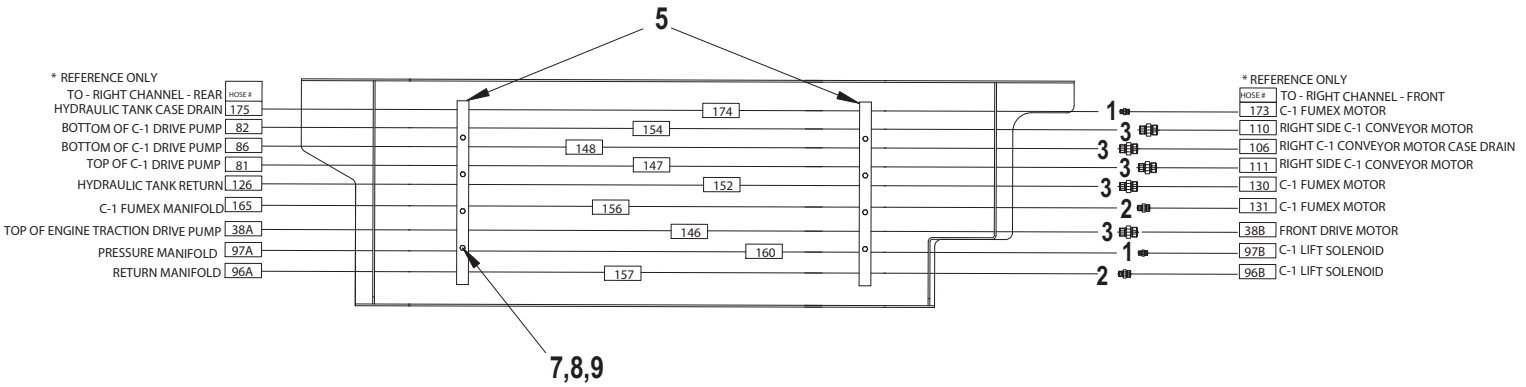
WHEEL DRIVE HYDRAULICS
(147115-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	142483-01	BRAKE MULTI-DISC WET	2
2	91681-04	MOTOR DRIVE	2
3			
4	83743-04	ELBOW 4 JIC X 4 SAE 90	2
5	96751	# 16 FLANGE 45 X 12 JIC CODE 62	4
6	83288	NUT, HEX 1/2 - 13 UNC	8
7	120439	ELBOW - 12 JIC X 10 SAE 45	2
9	90729	# 16 FLANGE KIT CODE 62	7
11	83735-04	ADAPTER - 6 JIC X 6 SAE M.	4
13	95981	# 16 FLANGE 90 X 20 JIC CODE 62	1
14	84636-04	6 JIC SWIVEL RUN TEE	2
20	83056	LOCKWASHER 3/8" NOM. I.D.	2
21	83055	NUT, HEX 3/8 - 16 UNC	2
22	141893-03	VALVE - PILOT MANIFOLD	1
23	85396-04	PLUG - 16 SAE (DIFF. LOCK)	1
27	89463-04	ELBOW - 8 JIC X 1/2" NPT M. 90	1
28	97568	# 16 FLANGE ST X 12 JIC CODE 62	1
29	98877	VALVE - FLOW DIVIDER	1
30	83868-04	# 16 FLANGE 90 X 12 JIC CODE 62	1
34	83065	LOCKWASHER 1/4" NOM. I.D.	2
37	83752-04	LOCKWASHER 3/4" NOM. I.D.	8
38	83627	ALL-THREAD 1/2 - 13 UNC X 4 1/4"	8
39	O5707	CONICAL WASHER - HS12	8
40	97489	O-RING KIT	2

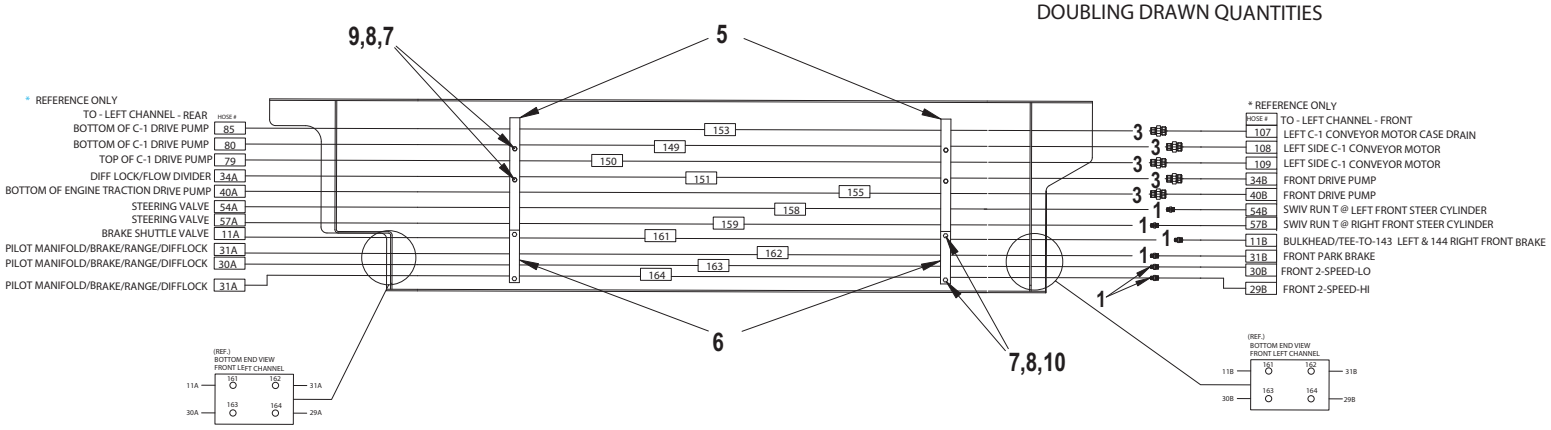
WHEEL DRIVE HYDRAULICS
(147115-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	128646	ADAPTER 6 JIC X 1/8" NPT ST	2
42	128645	ELBOW - 6 JIC X 1/8" NPT 90	2
43	130419	CYLINDER 1.5 BORE X 1" STROKE	2
44	131680-04	TEST PORT 6 JIC	1
45	83734-04	6 SAE X 6 JIC 90	4
46	85949-04	TEST PORT CAP	1
47	83953-04	6 JIC FEM. SWIVEL 90	1
48	135923-04	6 SAE M. X 6 JIC FEM. SW. ST.	1
49	131913-04	2-WAY BALL VALVE 6 SAE	1
50	91665-04	6 SAE X 6 JIC RUN TEE	2
51	141183-04	CHECK VALVE 6 SAE X 6 JIC	1
52	121809	BOLT, HEX 3/8 - 16 X 3 1/2"	2
53	83757	FLAT WASHER 3/8'	2
54	84426-04	8 SAE X 6 JIC 90	1
55	85563-04	BOLT, HEX 1/4 - 13 X 2 1/2"	2
56	84444	FLAT WASHER 1/4"	2
57	86164	BOLT, HEX 1/2 - 13 X 1 1/4"	2
58	83317-04	LOCKWASHER 1/2"	2
59	83781-04	FLAT WASHER 1/2"	2
60	126763-04	REDUCING VALVE (BRAKE CIRCUIT)	
61	85490-04	12 JIC X 3/4" NPT 90	2
62	83787-04	BOLT, HEX 3/4 - 10 X 2 1/2"	8
63	84071-04	NUT, HEX 3/4 - 10	8
64	83462-04	6 JIC X 8 SAE ST	1
65	83953-04	6 JIC FEM. SWIVEL 90	1
66	83469-04	8 SAE X 6 JIC ST	1

SB-2500B CHANNEL ASSEMBLY
(146111-03)



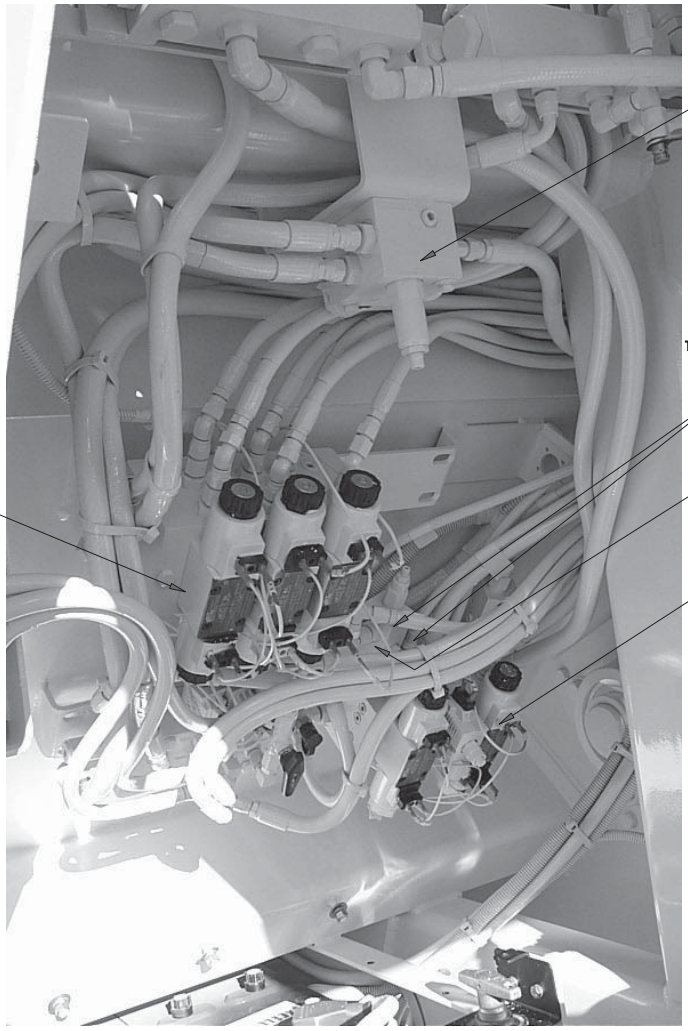
FITTINGS ARE LOCATED ON BOTH ENDS OF CHANNELS THEREBY DOUBLING DRAWN QUANTITIES



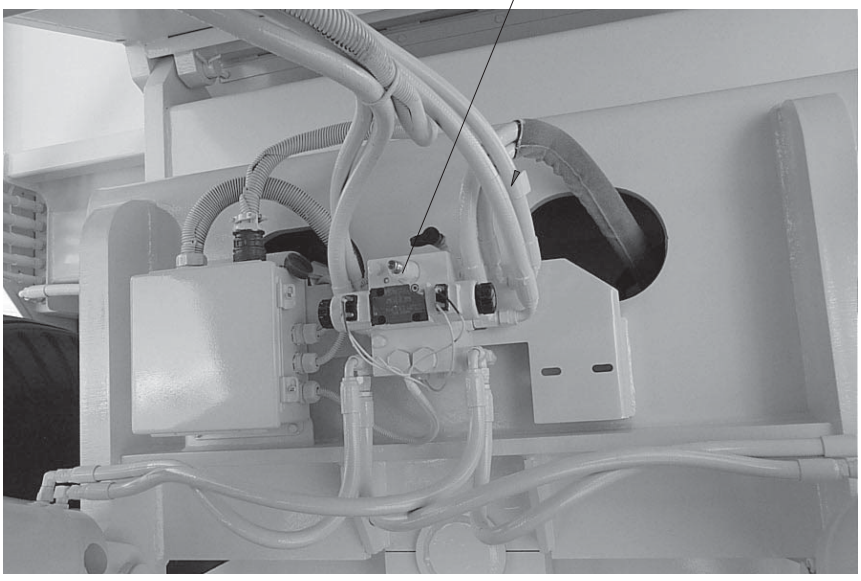
SB-2500B CHANNEL ASSEMBLY
(146111-03)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	83475-04	6 JIC BULKHEAD UNION	16
2	83453-04	8 JIC BULKHEAD UNION	4
3	83476-04	12 JIC BULKHEAD UNION	20
4	145705-03	HYD. CHANNEL HOSE CLAMP ASSY. " A "	2
5	145706-03	HYD. CHANNEL HOSE CLAMP ASSY. " B "	2
6	146486-03	HYD. CHANNEL HOSE CLAMP ASSY. " C "	2
7	149713	RAIL NUT 1/4 - 20	16
8	84444	FLAT WASHER 1/4" STEEL	12
9	85563-04	BOLT, HEX 1/4 - 20 X 2 1/2"	12
10	26L56	BOLT, HEX 1/4 - 20 X 3 1/4"	4

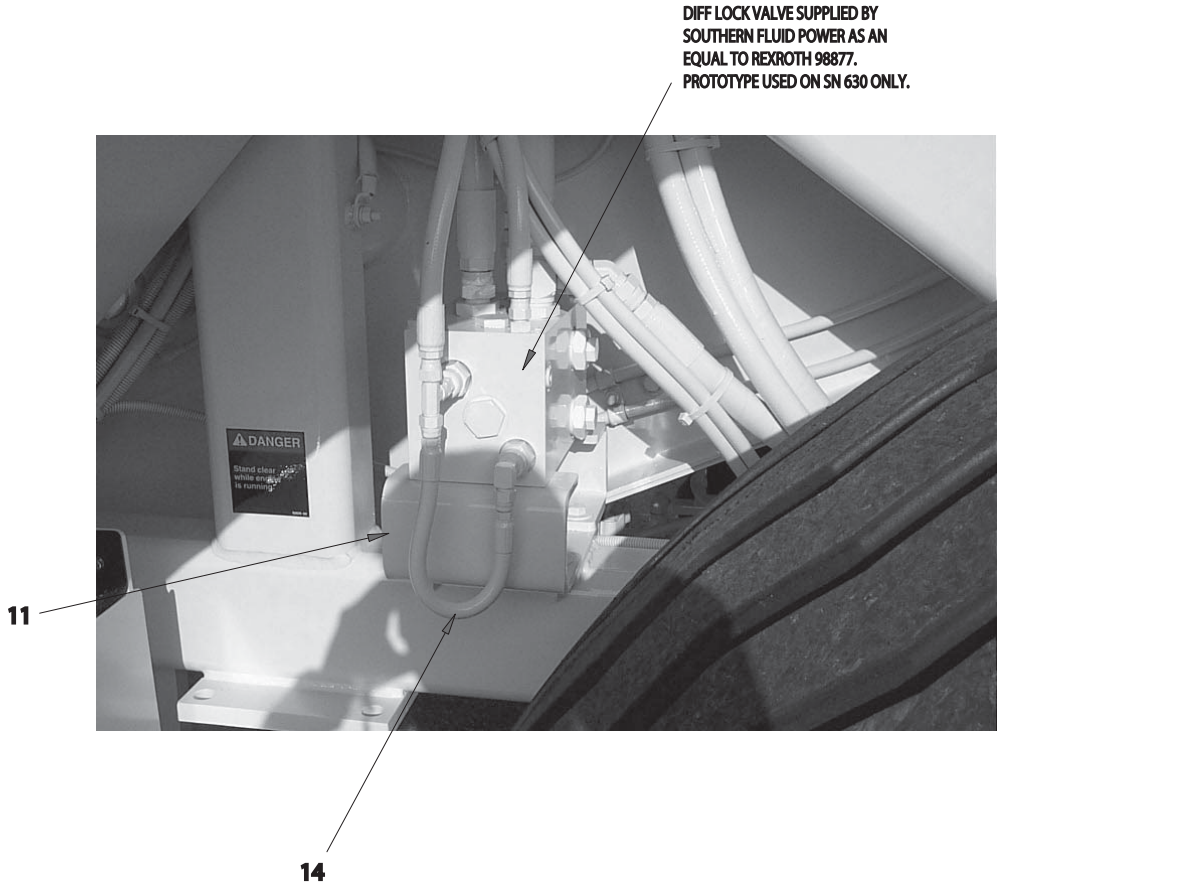
PROTOTYPE MANIFOLDS
(200429-01)

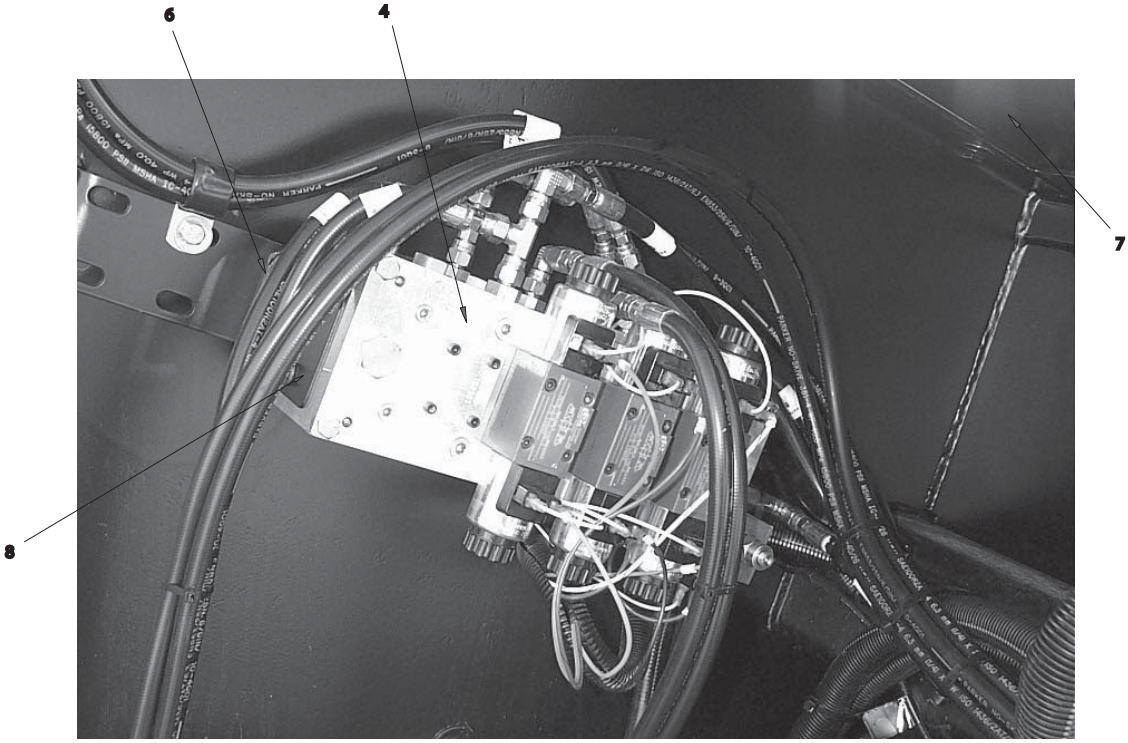


THIS DRAWING REPRESENTS CHANGES MADE TO SB-2500B SN 630.
MANIFOLDS WERE MOUNTED BY MODIFYING EXISTING VALVE BRACKETS (EXCEPT THE C1 CONTROL MANIFOLD, SEE ITEM 6). REFERENCE MANIFOLD DRAWINGS FOR MOUNTING HOLE LAYOUT.
NOTE: ITEMS 9 WERE ADDED AS THERMAL RELIEFS IN THE FLOWGATE CIRCUIT. THESE VALVES WILL BE INCLUDED IN FUTURE MANIFOLDS AND WILL NOT BE NEEDED FOR FUTURE INSTALLATIONS. (REF HYD SCHEMATIC FOR PLUMBING)
THE FOLLOWING HOSES WERE MODIFIED: (REF HOSE KIT)
#134 - LENGTH CHANGED FROM 120" TO 108"
#135 - LENGTH CHANGED FROM 120" TO 108"
#24 - LENGTH CHANGED FROM 35" TO 30"
#46 - LENGTH CHANGED FROM 59" TO 50"
#138 - LENGTH CHANGED FROM 56" TO 63"
#139 - LENGTH CHANGED FROM 56" TO 67"
ADDED HOSES;
ITEM 12 - 123909 - FLOWGATE THERMAL RELIEF JUMPER HOSE
ITEM 13 - 97839 - FLOWGATE THERMAL RELIEF TEE TO VALVE
ITEM 14 - 132332 - DIFF LOCK JUMPER HOSE
ITEM 15 - 127064 - GEN-SET, REPLACES 134043
1TEM 16 - 124413 - GEN-SET, REPLACES 99662



PROTOTYPE MANIFOLDS
(200429-01)

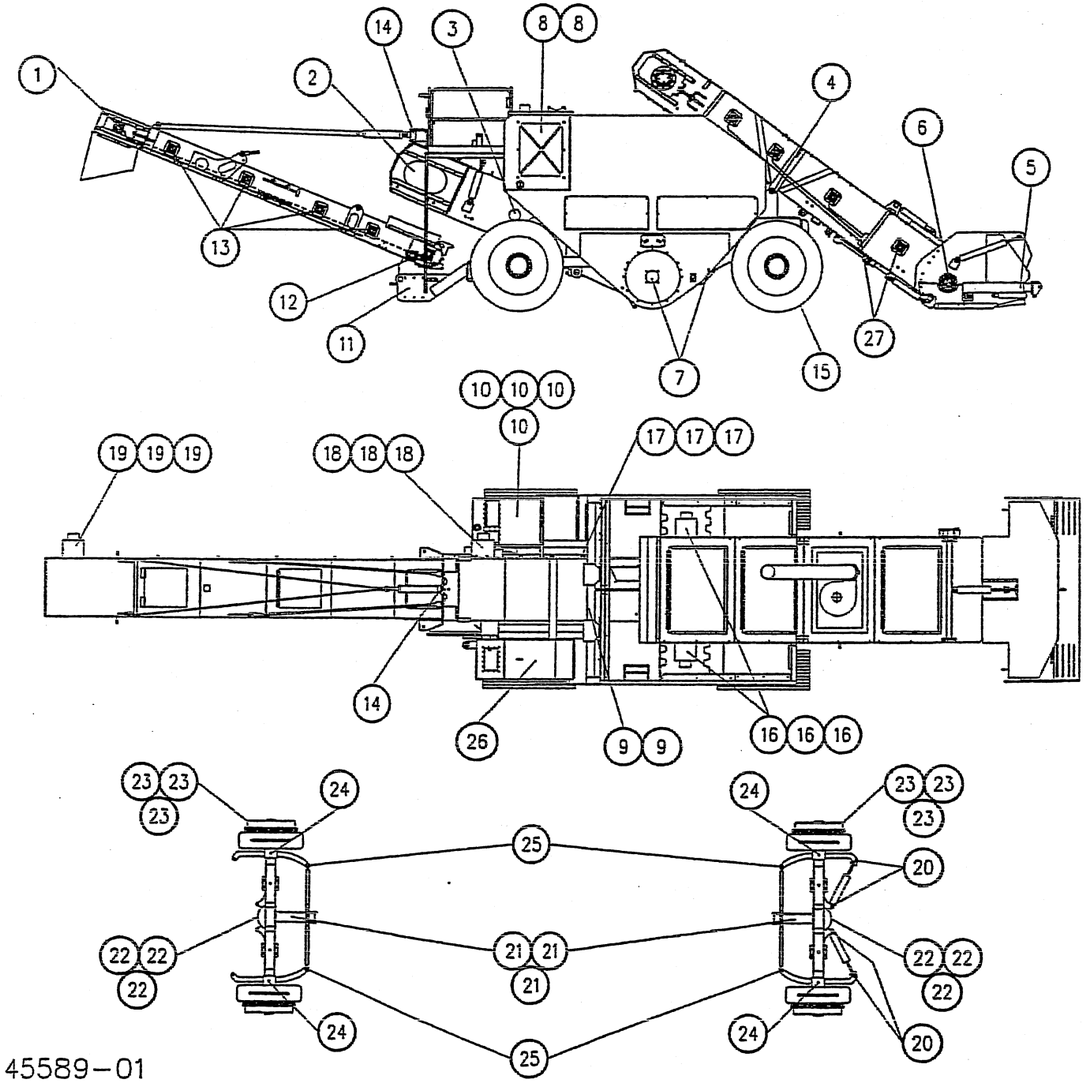




PROTOTYPE MANIFOLDS
(200429-01)

QTY	ITEM	IDENT	DESCRIPTION
1	1	146251-03	C1 RAISE/LOWER/FLOAT MANIFOLD
1	2	146252-03	FLOWGATE/GENERATOR MANIFOLD
1	3	146253-03	C3 CONTROL MANIFOLD
1	4	146254-03	C1 HOPPER CONTROL MANIFOLD
1	5	142915-03	BRAKE MANIFOLD
1	6	200426-03	MOUNTING PLATE, C1 CONTROL MANIFOLD
1	7	200394-03	COVER PLATE, C1 CONTROL MANIFOLD
1	8	200395-03	END CAP, C1 CONTROL MANIFOLD
2	9	137332-04	DIRECT ACTING RELIEF VALVE
1	10	200294-01	HYDRAULIC SCHEMATIC
2	11	146673-03	VALVE BRACKET, DIFF-LOCK
1	12	123909	HOSE ASSY, 1/4 X 8 1/2, 4X6 ST-4X6 90∞
1	13	97839	HOSE ASSY, 1/4 X 10, 4X6 ST-4X6 90∞
1	14	132332	HOSE ASSY, 1/4 X 11, 4X6 ST-4X6 ST
1	15	127064	HOSE ASSY, 1/2 X 30, 8X8 ST-8X8 90∞
1	16	124413	HOSE ASSY, 3/8 X 77, 6X6 ST-6X6 90∞
-2	17	126763-04	PRESSURE REDUCING VALVE
-1	18	131913-04	2-WAY BALL VALVE
-2	19	127232	SOLENOID VALVE (THERMAL RELIEF)
-1	20	96550-04	SOLENOID VALVE
-2	21	99491-03	SOLENOID VALVE
-4	22	97553	SOLENOID VALVE
-1	23	122288-04	SOLENOID VALVE
-1	24	131623-04	FLOW CONTROL, 2 GPM
-1	25	133337-04	FLOW CONTROL
-1	26	147116-01	HYDRAULIC SCHEMATIC
-1	27	134043	HOSE ASSY, 3/4 X 77, 12X12 ST-12X12 90∞
-1	28	99662	HOSE ASSY, 1/2 X 80, 8X8 ST-8X8 90∞

SB-2500B LUBRICATION CHART



145589-01

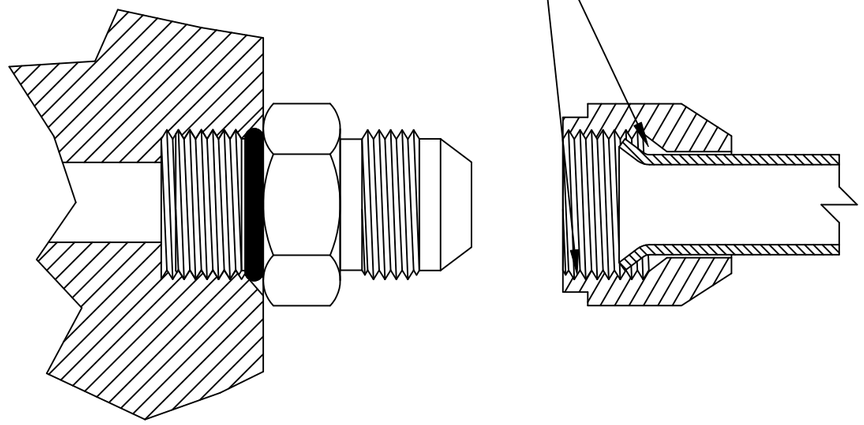
INTERVAL HOURS	REF. NO.	IDENTIFICATION	NO. OF POINTS	TYPE OF LUBRICATION	REMARKS
RED DAILY	1	C-3 HEADSHAFT	2	HTG	8 SHOTS (WHILE HOT)
	2	C-2 HEADSHAFT	1	HTG	8 SHOTS (WHILE HOT)
	3	C-2 IDLERS	4	HTG	5 SHOTS (WHILE HOT)
	4	WINDROW PIVOT TUBE (OPTIONAL)	1	HTG	5 SHOTS
	5	C-1 TRUCK DUMP VIBRATOR	2	HTG	3 SHOTS (WHILE HOT)
	6	C-1 TAILSHAFT	4	HTG	8 SHOTS (WHILE HOT)
	7	C-2 TAILSHAFT	4	HTG	8 SHOTS (WHILE HOT)
	8	RADIATOR COOLANT	1	50/50 ANTIFREEZE	CHECK LEVEL
	9	ENGINE CRANKCASE COMPONENTS	N/A	VARIOUS	REFER TO ENGINE MANUAL
	10	HYDRAULIC TANK	1	HO	CHECK LEVEL
	11	C-3 PIVOT	3	HTG	5 SHOTS
	12	C-3 TAILSHAFT	2	HTG	8 SHOTS (WHILE HOT)
	13	C-3 IDLER BEARINGS	8	HTG	5 SHOTS (WHILE HOT)
	27	C-1 IDLER BEARINGS	8	HTG	5 SHOTS (WHILE HOT)
YELLOW 50 HOURS	9	ENGINE AIR CLEANER	1	N/A	CLEAN OR REPLACE
	10	HYDRAULIC FILTERS	6	N/A	REPLACE ELEMENTS FIRST 50 HOURS THEN EVERY 250 HOURS
	14	C-3 LIFT PIVOT	2	HTG	3 SHOTS
	15	TIRES	4	75 p.s.i.	CHECK
	16	C-1 PLANETARY	2	EP-90	CHECK LEVEL
	17	PUMP DRIVE GEARBOX	1	EP-90	CHECK LEVEL
	18	C-2 PLANETARY DRIVE	1	EP-90	CHECK LEVEL
	19	C-3 PLANETARY DRIVE	1	EP-90	CHECK LEVEL
	20	FRONT AXLE STEERING CYLINDER	4	HTG	3 SHOTS
	21	FRONT & REAR AXLE 2-SPEED	2	EP-90	CHECK LEVEL
	22	FRONT & REAR AXLE DIFFERENTIAL	2	MIL-L 2105C (85W140)	CHECK LEVEL
	23	FRONT & REAR AXLE WHEEL HUB	4	MIL-L 2105C (85W140)	CHECK LEVEL
	24	FRONT & REAR AXLE KINGPIN	8	MLGI-1	2 SHOTS
	25	FRONT & REAR AXLE TIE RODS	4	HTG	2 SHOTS

INTERVAL HOURS	REF. NO.	IDENTIFICATION	NO. OF POINTS	TYPE OF LUBRICATION	REMARKS
GREEN 250 HOURS	10	HYDRAULIC TANK	1	HO	DRAIN ACCUMULATED WATER & REFILL
	10	HYDRAULIC FILTERS	6	HO	REPLACE 2 ELEMENTS PER FILTER
	10	HYDRAULIC TANK BREATHER FILTER	1	N/A	CHECK & REPLACE IF NECESSARY
	16	C-1 PLANETARY DRIVE	2	EP-90	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	17	PUMP DRIVE GEARBOX	1	EP-90	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	18	C-2 PLANETARY DRIVE	1	EP-90	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	19	C-3 PLANETARY DRIVE	1	EP-90	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	21	FRONT & REAR AXLE 2-SPEED	2	EP-90	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	22	FRONT & REAR AXLE DIFFERENTIAL	2	EP-90	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	23	FRONT & REAR AXLE WHEEL HUBS	4	MIL-L 2105C (85W140)	DRAIN-FLUSH-REFILL FIRST 250 HRS THEN 1000 HRS THEREAFTER
	26	FUEL TANK	1	N/A	DRAIN ACCUMULATED WATER & REFILL
BLUE 1000 HOURS	8	RADIATOR	1	50/50 ANTIFREEZE	DRAIN-CLEAN-REFILL
	10	HYDRAULIC TANK	1	HO	DRAIN & FLUSH OIL-CHANGE ALL FILTERS-CLEAN ALL BREATHERS
	16	C-1 PLANETARY DRIVE	2	EP-90	DRAIN-FLUSH-REFILL
	17	PUMP DRIVE GEARBOX	1	EP-90	DRAIN-FLUSH-REFILL
	18	C-2 PLANETARY DRIVE	1	EP-90	DRAIN-FLUSH-REFILL
	19	C-3 PLANETARY DRIVE	1	EP-90	DRAIN-FLUSH-REFILL
	21	FRONT & REAR AXLE 2-SPEED	2	EP-90	DRAIN-FLUSH-REFILL
	22	FRONT & REAR AXLE DIFFERENTIAL	2	MIL-L 2105C (85W140)	DRAIN-FLUSH-REFILL
	23	FRONT & REAR AXLE WHEEL HUBS	4	MIL-L 2105C (85W140)	DRAIN-FLUSH-REFILL

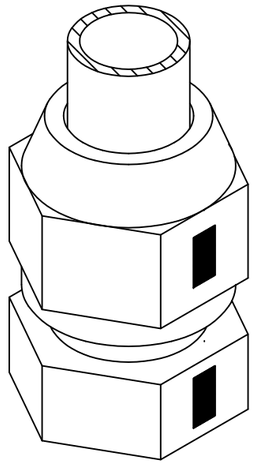
EO -ENGINE OIL-SAE 15W40-VALVOLINE PREMIUM BLUE, ALL-FLEET PLUS OR EQUIVALENT
HTG -HIGH TEMPERATURE GREASE-NGLI GRADE2-VALVOLINE CERULEAN, PALLADIUM, OR EQUIVALENT
HO -HYDRAULIC OIL-ISO VIS. GRADE 46-VALVOLINE ANTI-WEAR HYDRAULIC OIL OR EQUIVALENT
GO -GEAR OIL-SAE 80W90-VALVOLINE HIGH PERFORMANCE GEAR OIL OR EQUIVALENT

Valvoline

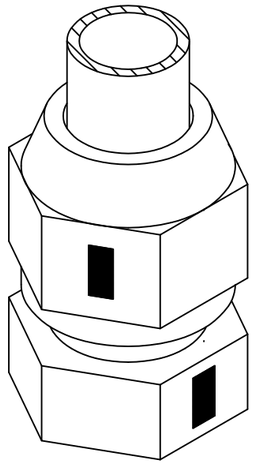
LUBRICATE THREADS AND BACKSIDE OF FLARE BEFORE CONNECTING TO FITTING.



EXAMPLE - #8 JIC HOSE END



SNUG JOINT WITH FLATS MARKED



TIGHT JOINT WITH 1 FLAT FROM FINGER TIGHT

JIC FITTING INSTALLATION

USING FLATS FROM FINGER TIGHT (F.F.F.T.) METHOD

1) LUBRICATE THE THREADS AND BACKSIDE OF JIC FLARE IN FEMALE SWIVEL NUT. USE PENETRATING OIL, WD-40, OR EQUIVALENT.

2) ASSEMBLE NUT TO MALE JIC FITTING. HAND TIGHTEN TO SNUG CONNECTION. ANGULAR FEMALE SURFACE MUST BE SEATED OR IN LIGHT CONTACT W/MALE 37° SURFACE. ON LARGE FITTINGS, IT MAY BE NECESSARY TO USE A WRENCH TO PULL NUT AND SEATS INTO THIS INITIAL REFERENCE POSITION.

3) MAKE A MARK ON ONE FLAT OF NUT HEX AND CONTINUE IT ONTO THE BODY HEX. (WITH EXPERIENCE, IT MAY NOT BE NECESSARY TO MARK THE FITTINGS. RATHER, VISUAL ALIGN THE FLATS AND TIGHTEN AS PER STEP 5.)

4) WHEN NECESSARY, USE A SECOND WRENCH TO PREVENT UNWANTED ROTATION OF FITTING BODY, HOSE CONNECTOR STEM, ETC.

5) TIGHTEN THE JOINT BY THE NUMBER OF FLATS SHOWN IN THE TABLE BELOW.

SAE DASH SIZE	ASSEMBLY TORQUE (FT LB)	TUBE CONNECTION F.F.F.T.	SWIVEL NUT OR HOSE END F.F.F.T.
-4	12	2	2
-6	21	1-1/2	1-1/4
-8	45	1-1/2	1
-10	60	1-1/2	1
-12	85	1-1/4	1
-16	120	1	1
-20	170	1	1
-24	200	1	1
-32	270	1	1

all fractional dim's ± 1/32" - all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

ROADTEC

PART NAME: INSTRUCTIONS - JIC FITTING ASSEMBLY

REQ'D PER | SHEET NO: 1 of 1 | FAB CODE | EFFECTIVE S/N: 000

DRAWN BY: DLS | CHECKED BY | DWG NO: 134914-02 | REV.: 0

SCALE: NONE | DATE: 5/19/97

MASTER LIST BY CIRCUIT

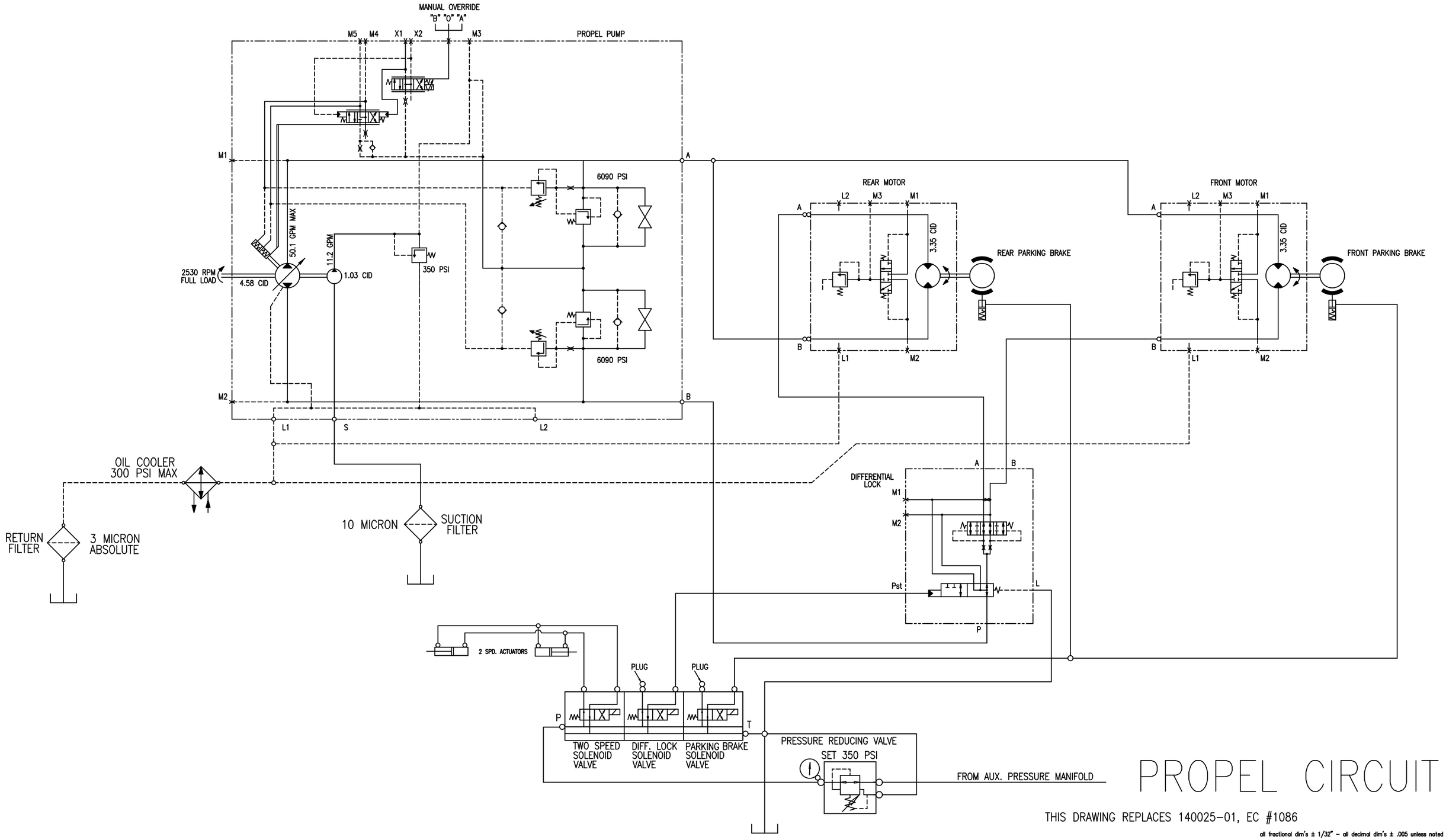
Hose #	Circuit	Roadtec P/N	Function	Hose I.D.	Hose type	Cut Hose "	Overall "	Hose end	Hose end
1	BRAKES / FLOWGATES	130820	BRAKE	0.375	STD	41	44	6x6 ST	6x6 LN 90
2	BRAKES / FLOWGATES	131025	BRAKE	0.375	STD	39	42	6x6 ST	6x6 90
3	BRAKES / FLOWGATES	146027	BRAKE	0.375	STD	41	44	6x6 ST	6x6 90
4	BRAKES / FLOWGATES	129834	BRAKE	0.375	STD	40	43	6x6 ST	6x6 ST
5	BRAKES / FLOWGATES	146028	BRAKE	0.375	STD	78	82	6x6 ST	6x6 90
6	BRAKES / FLOWGATES	130186	BRAKE	0.25	STD	132	135	4x6 ST	4x6 90
13	BRAKES / FLOWGATES	93274-04	BRAKE	0.375	STD	22	25	6x6 ST	6x6 90
14	BRAKES / FLOWGATES	93293-04	BRAKE	0.375	STD	35	38	6x6 ST	6x6 90
15	BRAKES / FLOWGATES	93275-04	BRAKE	0.375	STD	29	32	6x6 ST	6x6 90
18	BRAKES / FLOWGATES	146029	BRAKE	0.375	STD	14	16.54	6x6 ST	6x6 ST
19	BRAKES / FLOWGATES	99721	FLOWGATES	0.25	HT	174	176	4x6 ST	4x6 ST
20	BRAKES / FLOWGATES	99721	FLOWGATES	0.25	HT	174	176	4x6 ST	4x6 ST
21	BRAKES / FLOWGATES	99721	FLOWGATES	0.25	HT	174	176	4x6 ST	4x6 ST
22	BRAKES / FLOWGATES	99721	FLOWGATES	0.25	HT	174	176	4x6 ST	4x6 ST
23	C3 AUX. / C3 CLEANOUT DOOR	134031	AUXILLARY	0.5	STD	41	44	8x8 ST	8x8 90
24	C3 AUX. / C3 CLEANOUT DOOR	93293-04	AUXILLARY	0.375	STD	35	38	6x6 ST	6x6 90
25	C3 AUX. / C3 CLEANOUT DOOR	99631	C3*SWING	0.25	STD	108	111	4x6 ST	4x6 90
26	C3 AUX. / C3 CLEANOUT DOOR	99631	C3*SWING	0.25	STD	108	111	4x6 ST	4x6 90
27	C3 AUX. / C3 CLEANOUT DOOR	130199	C3*LIFT	0.25	STD	160	163	4x6 ST	4x6 90
28	C3 AUX. / C3 CLEANOUT DOOR	130199	C3*LIFT	0.25	STD	160	163	4x6 ST	4x6 90
32	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	99664	R*2SPD*HIGH	0.25	STD	87	90	4x6 ST	4x6 90
33	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	99664	R*2SPD*LOW	0.25	STD	87	90	4x6 ST	4x6 90
35	TRACTION DRIVE	146331-04	D*LOCK	0.75	HP	48	52	12x12 ST	12x12 ST
36	TRACTION DRIVE	146338-04	R*DRIVE*A	0.75	HP	105	109	12x12 ST	12x12 90
37	TRACTION DRIVE	99653	PMP*DRIVE*B	1.25	HP	44	49	20x20 ST	20x20 ST
39	ENGINE	120751	DRIVE*SUC	1	VAC	58	63	16x16 ST	16x16 90
42	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	127123	DRIVE*REG	0.375	STD	48	51	6x6 ST	6x6 90
45	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	99720	D*LOCK	0.375	STD	50	53	6x6 ST	6x6 ST
46	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	123658	D*LOCK	0.375	STD	59	62	6x6 ST	6x6 ST
47	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	120747	AUXILLARY	0.5	STD	105	108	8x8 ST	8x8 90
48	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	99682	C2*COD	0.375	STD	47	50	6x6 ST	6x6 LN 90
49	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	120125	C2*COD*RT	0.375	STD	124	127	6x6 ST	6x6 ST
50	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	120126	C2*COD*PR	0.375	STD	114	117	6x6 ST	6x6 ST
51	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	93382-04	C2*COD	0.375	STD	54	57	6x6 ST	6x6 ST
52	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	97800	C2*COD*JUMP	0.375	STD	60	63	6x6 ST	6x6 ST
53	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	97800	C2*COD*JUMP	0.375	STD	60	63	6x6 ST	6x6 ST
58	STEERING / C1 LIFT	93312-04	STEER*JUMP	0.375	STD	34	37	6x6 ST	6x6 ST
59	STEERING / C1 LIFT	93312-04	STEER*JUMP	0.375	STD	34	37	6x6 ST	6x6 ST
60	C2 DRIVE / OIL COOLER	130650	COOLER*OUT	1.25	VAC	114	119	20x20 ST	20x20 ST
62	FUME EXTRACTION	130652	AUXILLARY	0.75	STD	90	94	12x12 90	12x12 ST
63	ENGINE	120114	AUXILLIARY	1.5	VAC	38	43	24x24 ST	24x24 ST
64	ENGINE	134281	AUXILLIARY	0.75	STD	25	28	12x12 ST	12x12 90
65	ENGINE	93359-04	C1*PUMP*CD	0.75	STD	32	35	12x12 ST	12x12 ST

66	ENGINE	134046	C2*PUMP*SUC	1.25	VAC	38	43	20x20 ST	20x20 90
67	ENGINE	120119	AUX*PUMP*CD	0.75	STD	35	38	12x12 ST	12x12 ST
68	C2 DRIVE / OIL COOLER	120120	C2*MTR*CD	0.75	VAC	76	80	12x12 ST	12x12 90
69	C2 DRIVE / OIL COOLER	120121	C2*DRIVE*A	1.25	HP	90	95	20x20 ST	20x20 ST
71	C3 DRIVE	120187	C3*DRIVE*CD	0.75	STD	118	121	12x12 ST	12x12ST
77	ENGINE	134047	C3*DRIVE*CD	0.75	STD	66	69	12x12 ST	12x12 90
78	ENGINE	129406	C3*DRIVE*SUC	1	VAC	48	53	16x16 ST	16x16 90
79	C1 DRIVE	146330-04	L*C1*DRIVE*B	0.75	HP	49	53	12x12 ST	12x12 90
80	C1 DRIVE	146332-04	L*C1*DRIVE*B	0.75	HP	29	34	12x12 ST	12x12 90
81	C1 DRIVE	146337-04	R*C1*DRIVE*A	0.75	HP	115	119	12x12 ST	12x12 90
82	C1 DRIVE	146336-04	R*C1*DRIVE*B	0.75	HP	126	130	12x12 ST	12x12 90
84	ENGINE	130654	C1*DRIVE*SUC	1.25	VAC	74	79	20x20 ST	20x20 90
85	C1 DRIVE	134051	L*C1*DRIVE*CD	0.75	STD	37	41	12x12 ST	12x12 90
86	C1 DRIVE	129992	R*C1*DRIVE*CD	0.75	STD	108	111	12x12 ST	12x12 90
89	C1 AUXILIARY	134975	VIBRATOR	0.25	STD	118	121	4x6 ST	4x6 ST
90	C1 AUXILIARY	121660	D*HOPPER	0.25	STD	65	68	4x6 ST	4x6 90
91	C1 AUXILIARY	129838	D*HOPPER	0.25	STD	69	72	4x6 ST	4x6 90
92	C1 AUXILIARY	134052	D*HOPPER	0.25	STD	172	175	4x6 ST	4x6 90
93	C1 AUXILIARY	147344	D*HOPPER	0.25	STD	173	176	4x6 ST	4x6 90
94	C1 AUXILIARY	99646	C1*AUX	0.5	STD	107	110	8x8 ST	8x8 90
95	C1 AUXILIARY	99654	C1*AUX	0.375	STD	107	110	6x6 ST	6x6 90
98	C1 AUXILIARY	99665	C1*AUX	0.375	STD	26	29	6x6 ST	6x6 90
99	C1 AUXILIARY	99666	C1*AUX	0.375	STD	26	29	6x6 ST	6x6 ST
100	C1 AUXILIARY	120164	C1*AUX	0.375	STD	23	26	6x6 ST	6x6 90
101	C1 AUXILIARY	120826	C1*AUX	0.375	STD	23	26	6x6 ST	6x6 ST
104	STEERING / C1 LIFT	120601	C1*DN*REG	0.5	STD	18	20.7	8x8 ST	8x8 ST
105	STEERING / C1 LIFT	120764	C1*DN*REG	0.375	STD	15	17.54	6x6 ST	6x6 ST
106	C1 DRIVE	147345	C1*MTR*CD	0.75	STD	192	195	12x12 ST	12x12 ST
107	C1 DRIVE	147345	C1*MTR*CD	0.75	STD	192	195	12x12 ST	12x12 ST
108	C1 DRIVE	146334-04	C1*MTR	0.75	HP	192	196	12x12 ST	12x12 ST
109	C1 DRIVE	146334-04	C1*MTR	0.75	HP	192	196	12x12 ST	12x12 ST
110	C1 DRIVE	146334-04	C1*MTR	0.75	HP	192	196	12x12 ST	12x12 ST
111	C1 DRIVE	146334-04	C1*MTR	0.75	HP	192	196	12x12 ST	12x12 ST
112	ENGINE	120756	DRIVE*CD	0.75	STD	27	30	12x12 ST	12x12 ST
113	ENGINE	130411	ENG*OIL*DR	0.75	STD	70	73	12x12 ST	12x12 ST
117	C3 DRIVE	127788	C3*MTR*CD	0.75	STD	274	277	12x12 ST	12x12 ST
118	ENGINE	132307	F*FXS*SUC	1	VAC	78	83	16x16 ST	16x16 90
119	ENGINE	132307	R*FXS*SUC	1	VAC	78	83	16x16 ST	16x16 90
120	ENGINE	134058	F*FXS*PR	0.5	STD	75	78	8x8 ST	8x8 90
121	ENGINE	131197	R*FXS*PR	0.5	STD	70	73	8x8 ST	8x8 90
124	FUME EXTRACTION	130139	FXS*AUX	0.5	STD	110	113	8x8 ST	8x8 ST
125	FUME EXTRACTION	93339-04	FXS*AUX	0.5	STD	98	101	8x8 ST	8x8 ST
126	FUME EXTRACTION	134060	FXS*AUX	0.75	STD	118	122	12x12 ST	12x12 90
128	FUME EXTRACTION	133999	FXS*AUX	0.5	STD	132	135	8x8 ST	8x8 90
129	FUME EXTRACTION	93413-04	FXS*AUX	0.75	STD	50	54	12x12 ST	12x12 90
130	FUME EXTRACTION	134000	FXS*AUX	0.75	STD	125	128	12x12 ST	12x12 ST

131	FUME EXTRACTION	130212	FXS*AUX	0.5	STD	120	123	8x8 ST	8x8 ST
132	C3 AUX. / C3 CLEANOUT DOOR	128974	C3*COD	0.25	STD	52	55	4x6 ST	4x6 90
133	C3 AUX. / C3 CLEANOUT DOOR	122295	C3*COD	0.25	STD	48	51	4x6 ST	4x6 90
134	C3 AUX. / C3 CLEANOUT DOOR	120967	C3*COD	0.25	STD	120	123	4x6 ST	4x6 ST
135	C3 AUX. / C3 CLEANOUT DOOR	120967	C3*COD	0.25	STD	120	123	4x6 ST	4x6 ST
136	C3 AUX. / C3 CLEANOUT DOOR	134467	C3*COD	0.375	STD	23	26	6x8 ST	6x6 90
137	C3 AUX. / C3 CLEANOUT DOOR	99655	C3*COD	0.375	STD	27	30	6x6 ST	6x6 90
138	C1 AUXILIARY	99670	C1*COD	0.25	STD	56	59	4x6 ST	4x6 90
139	C1 AUXILIARY	99670	C1*COD	0.25	STD	56	59	4x6 ST	4x6 90
141	BRAKES / FLOWGATES	121699	R*BRAKE	0.375	STD	60	63	6x6 ST	6x6 90 45 deg flare
142	BRAKES / FLOWGATES	121699	R*BRAKE	0.375	STD	60	63	6x6 ST	6x6 90 45 deg flare
143	BRAKES / FLOWGATES	134005	F*BRAKE	0.375	STD	70	73	6x6 ST	6x6 90 45 deg flare
144	BRAKES / FLOWGATES	134005	F*BRAKE	0.375	STD	70	73	6x6 ST	6x6 90 45 deg flare
146	C1 DRIVE	146339-04	R*C1*DRIVE*PR	0.75	HP	104	108	12x12 ST	12x12 ST
147	C1 DRIVE	146339-04	R*C1*DRIVE*RT	0.75	HP	104	108	12x12 ST	12x12 ST
148	C1 DRIVE	146339-04	L*C1*DRIVE*PR	0.75	HP	104	108	12x12 ST	12x12 ST
149	C1 DRIVE	146339-04	L*C1*DRIVE*RT	0.75	HP	104	108	12x12 ST	12x12 ST
150	TRACTION DRIVE	146339-04	DRIVE*PR	0.75	HP	104	108	12x12 ST	12x12 ST
151	TRACTION DRIVE	146339-04	DRIVE*RT	0.75	HP	104	108	12x12 ST	12x12 ST
152	C1 DRIVE	97823	R*C1*DRIVE*CD	0.75	STD	105	108	12x12 ST	12x12 ST
153	TRACTION DRIVE	97823	DRIVE*CD	0.75	STD	105	108	12x12 ST	12x12 ST
154	C1 DRIVE	97823	L*C1*DRIVE*CD	0.75	STD	105	108	12x12 ST	12x12 ST
155	FUME EXTRACTION	97823	FXS*RT	0.75	STD	105	108	12x12 ST	12x12 ST
156	FUME EXTRACTION	120165	FXS*PR	0.5	STD	106	109	8x8 ST	8x8 ST
157	C1 AUXILIARY	134470	C1*AUX*RT	0.5	STD	99	102	8x8 ST	8x8 ST
158	STEERING / C1 LIFT	134009	L*STEER	0.375	STD	99	102	6x6 ST	6x6 ST
159	STEERING / C1 LIFT	134009	R*STEER	0.375	STD	99	102	6x6 ST	6x6 ST
160	C1 AUXILIARY	134009	C1*AUX*PR	0.375	STD	99	102	6x6 ST	6x6 ST
161	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134010	2*SPD*H	0.25	STD	99	102	4x6 ST	4x6 ST
162	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134010	2*SPD*L	0.25	STD	99	102	4x6 ST	4x6 ST
163	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134010	F*BRAKE	0.25	STD	99	102	4x6 ST	4x6 ST
164	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134010	F*PARK*BRAKE	0.25	STD	99	102	4x6 ST	4x6 ST
165	FUME EXTRACTION	132151	FXS*JUMP	0.5	STD	15	17.75	8x8 ST	8x8 90
170	FUME EXTRACTION	134011	AUXILLARY	0.75	STD	42	46	12x12 ST	12x12 90
171	C1 AUXILIARY	134012	BAFFLE*OPEN	0.25	STD	91	94	4x6 ST	4x6 90
172	C1 AUXILIARY	134013	BAFFLE*CLOSE	0.25	STD	80	83	4x6 ST	4x6 90
173	FUME EXTRACTION	97280-04	C1 FXS*CD	0.375	STD	120	123	6X6 ST	6X6 ST
174	FUME EXTRACTION	93392-04	FXS*CD*PANEL	0.375	STD	107	110	6X6 ST	6X6 ST
175	FUME EXTRACTION	127111	FXS*BH*TANK	0.375	STD	130	133	6X6 ST	6X6 ST
176	FUME EXTRACTION	97800	C2*FXS*TANK	0.375	STD	60	63	6X6 ST	6X6 ST
178	C1 AUXILIARY	97830	PUSH ROLLER	0.5	STD	128	131	8x8 ST	8X8 90
179	C1 AUXILIARY	137572	PUSH ROLLER	0.375	STD	124	127	6x6 ST	6X6 90
180	C1 AUXILIARY	137573	PUSH ROLLER	0.25	STD	88	91	4x6 ST	4X6 ST
181	C1 AUXILIARY	137574	PUSH ROLLER	0.25	STD	104	107	4x6 ST	4X6 ST
182	C1 AUXILIARY	137575	PUSH ROLLER	0.25	STD	244	247	4x6 ST	4X6 90
183	C1 AUXILIARY	137576	PUSH ROLLER	0.25	STD	258	261	4x6 ST	4X6 90

184	C3 AUX. / C3 CLEANOUT DOOR	93294-04	C3*SWING	0.25	STD	42	45	4x6 ST	4x6 90
185	C3 AUX. / C3 CLEANOUT DOOR	93294-04	C3*SWING	0.25	STD	42	45	4x6 ST	4x6 90
187	PLATFORM RAISE	97869	SUMP to HYD PUMP	.375	STD	11	14	6X8 ST	6X6 ST
188	PLATFORM RAISE	132161	H. PUMP to TANK	.5	STD	108	111	8X8 ST	8X8 90
189	PLATFORM RAISE	141179-04	H. PUMP to P. PK	.5	STD	20	23	8X8 ST	8X8 90
190	PLATFORM RAISE	124235	L. RAISE-R. BLKHD	.25	STD	138	141	4X6 ST	4X6 ST
191	PLATFORM RAISE	124235	L.LOW-FT. BLKHD	.25	STD	138	141	4X6 ST	4X6 ST
192	PLATFORM RAISE	93648-04	R.RAISE- R. BLKHD	.25	STD	78	81	4X6 ST	4X6 90
193	PLATFORM RAISE	134198	R.LOW-FT. BLKHD	.25	STD	82	85	4X6 ST	4X6 90
194	PLATFORM RAISE	120762	P.PK to BLKHD	.25	STD	22	25	4X6 ST	4X6 ST
195	PLATFORM RAISE	127128	P.PK to BLKHD	.25	STD	18	21	4X6 ST	4X6 ST
197	PLATFORM RAISE	93269-04	P/Pack to P/Man	.375	STD	98	101	6X6 ST	6X6 90
198	ENGINE	146031	DURST DR	0.5	STD	94	97	8x8 ST	8x8 90
199	C3 DRIVE	145996	C3*DRIVE*A	1	HP	118	123	16 x 16 ST	16 x 16 ST
200	C3 DRIVE	145995	C3*DRIVE*B	1	HP	110	115	16 x 16 ST	16 x 16 ST
201	C3 DRIVE	145994	C3*DRIVE*MTR	1	HP	274	279	16 x 16 ST	16 x 16 ST
202	C3 DRIVE	145994	C3*DRIVE*MTR	1	HP	274	279	16 x 16 ST	16 x 16 ST
114B	ENGINE	146030	ENG*OIL*PR	0.25	STD	117	119	4x4 ST	4x4 ST
11B	BRAKES / FLOWGATES	134033	BRAKE	0.25	STD	96	99	4x6 ST	4x6 45
11C	BRAKES / FLOWGATES	146032	BRAKE	0.25	STD	144	147	4x6 ST	4x6 45
12B	BRAKES / FLOWGATES	134973	BRAKE	0.375	STD	112	115	6x6 ST	6x6 90
140B	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	146033	R*PARK*BRAKE	0.25	STD	96	98	4x4 ST	4x6 90
186A	PLATFORM RAISE	97799	HOLD BLOCK to CYL	.25	STD	12	15	4X6 ST	4X6 ST
186B	PLATFORM RAISE	97799	HOLD BLOCK to CYL	.25	STD	12	15	4X6 ST	4X6 ST
196A	PLATFORM RAISE	97861	H. PUMP to BLKHD	.25	STD	17	20	4X6 ST	4X6 90
196B	PLATFORM RAISE	97861	H. PUMP to BLKHD	.25	STD	17	20	4X6 ST	4X6 90
29 A	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134035	F*2SPD*HIGH	0.25	STD	22	25	4x6 ST	4x6 45
29 B	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134036	F*2SPD*HIGH	0.25	STD	104	107	4x6 ST	4x6 45
30 A	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134034	F*2SPD*LOW	0.25	STD	19	22	4x6 ST	4x6 45
30 B	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134036	F*2SPD*LOW	0.25	STD	104	107	4x6 ST	4x6 45
31B	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134038	F*PARK*BRAKE	0.25	STD	92	95	4x4 ST	4x6 45
31C	PARK BRAKE/2 SP/DIF LOCK/C2 CL-OUT DOOR	134035	F*PARK*BRAKE	0.25	STD	22	25	4x6 ST	4x6 45
34 A	TRACTION DRIVE	146327-04	F*DRIVE*B	0.75	HP	88	92	12x12 ST	12x12 ST
34 B	TRACTION DRIVE	146328-04	F*DRIVE*B	0.75	HP	73	77	12x12 ST	12x12 90
38 A	TRACTION DRIVE	146335-04	F*DRIVE*A	0.75	HP	132	136	12x12 ST	12x12 90
38 B	TRACTION DRIVE	146329-04	F*DRIVE*A	0.75	HP	69	73	12x12 ST	12x12 90
40 B	TRACTION DRIVE	134043	F*DRIVE*CD	0.75	STD	77	81	12x12 ST	12x12 90
40C	TRACTION DRIVE	125466	F*DRIVE*CD	0.75	STD	96	100	12x12 ST	12x12 ST
41B	TRACTION DRIVE	121351	R*DRIVE*CD	0.75	STD	100	104	12x12 ST	12x12 90
54 A	STEERING / C1 LIFT	128235	L*STEER	0.375	STD	156	159	6x6 ST	6x6 LN 90
54 B	STEERING / C1 LIFT	97803	L*STEER	0.375	STD	126	129	6x6 ST	6x6 90
55B	STEERING / C1 LIFT	137729	STEER*RT	0.375	STD	136	139	6x6 ST	6x6 LN 90
56B	STEERING / C1 LIFT	97803	STEER*PR	0.375	STD	126	129	6x6 ST	6x6 90
57B	STEERING / C1 LIFT	97803	R*STEER	0.375	STD	126	129	6x6 ST	6x6 90
57C	STEERING / C1 LIFT	128235	R*STEER	0.375	STD	156	159	6x6 ST	6x6 90
61B	C2 DRIVE / OIL COOLER	146026	COOLER*IN	1.25	VAC	172	177	20x20 ST	20x20 ST

70B	C2 DRIVE / OIL COOLER	146024	C2*DRIVE*B	1.25	HP	82	87	20x20 ST	20x20 ST
83B	ENGINE	93323-04	C2*DRIVE*CD	0.75	STD	43	46	12x12 ST	12x12 ST
88B	C1 AUXILIARY	135188	VIBRATOR	0.25	STD	126	129	4x6 ST	4x6 ST
96 A	STEERING / C1 LIFT	134469	C1*LIFT	0.5	STD	128	131	8x8 ST	8x8 ST
96 B	STEERING / C1 LIFT	134053	C1*LIFT	0.5	STD	149	152	8x8 ST	8x8 90
97 A	STEERING / C1 LIFT	134054	C1*LIFT	0.375	STD	116	119	6x6 ST	6x6 ST
97 B	STEERING / C1 LIFT	134055	C1*LIFT	0.375	STD	149	152	6x6 ST	6x6 90



PROPEL CIRCUIT

THIS DRAWING REPLACES 140025-01, EC #1086

all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

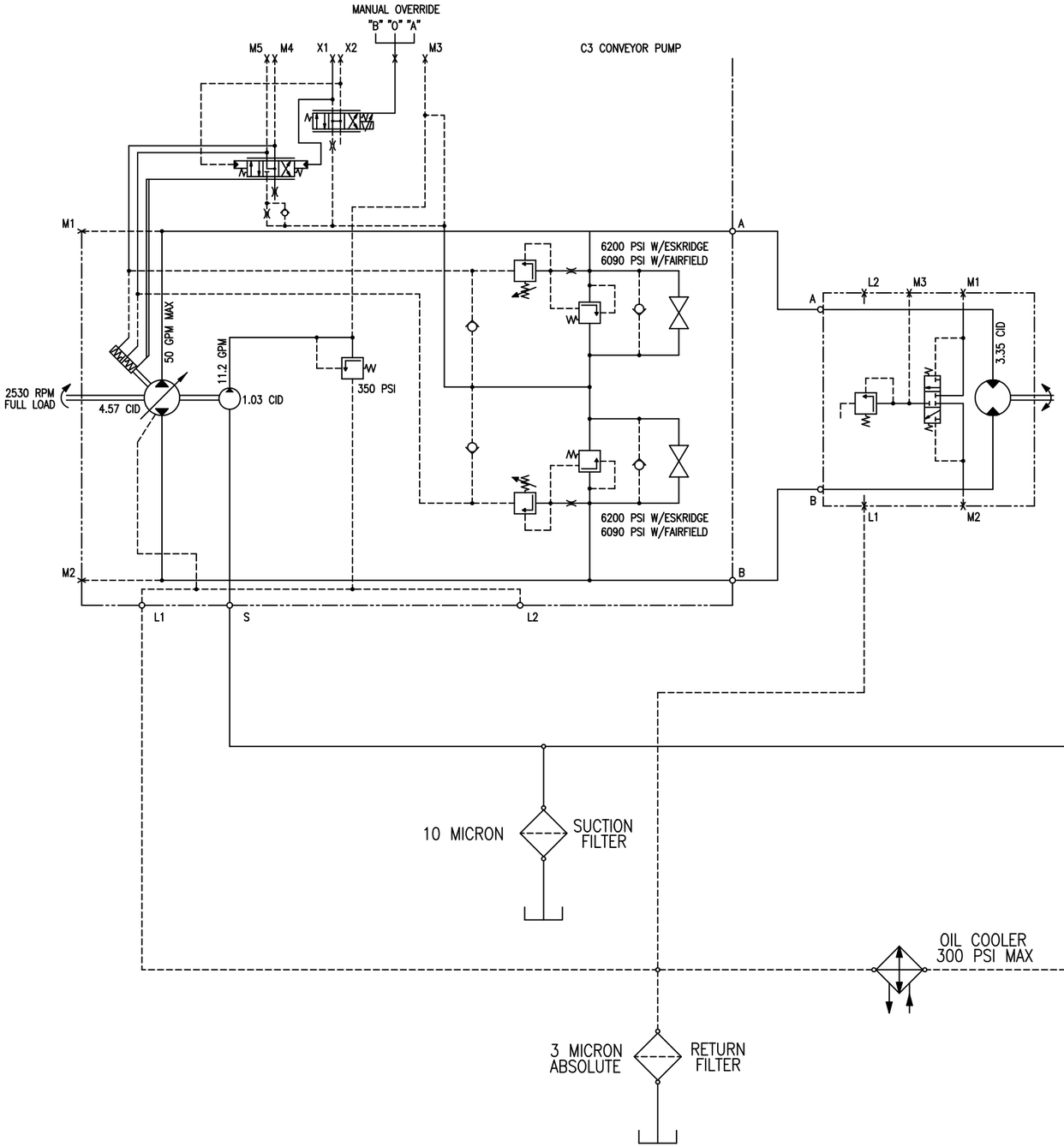
ROADTEC

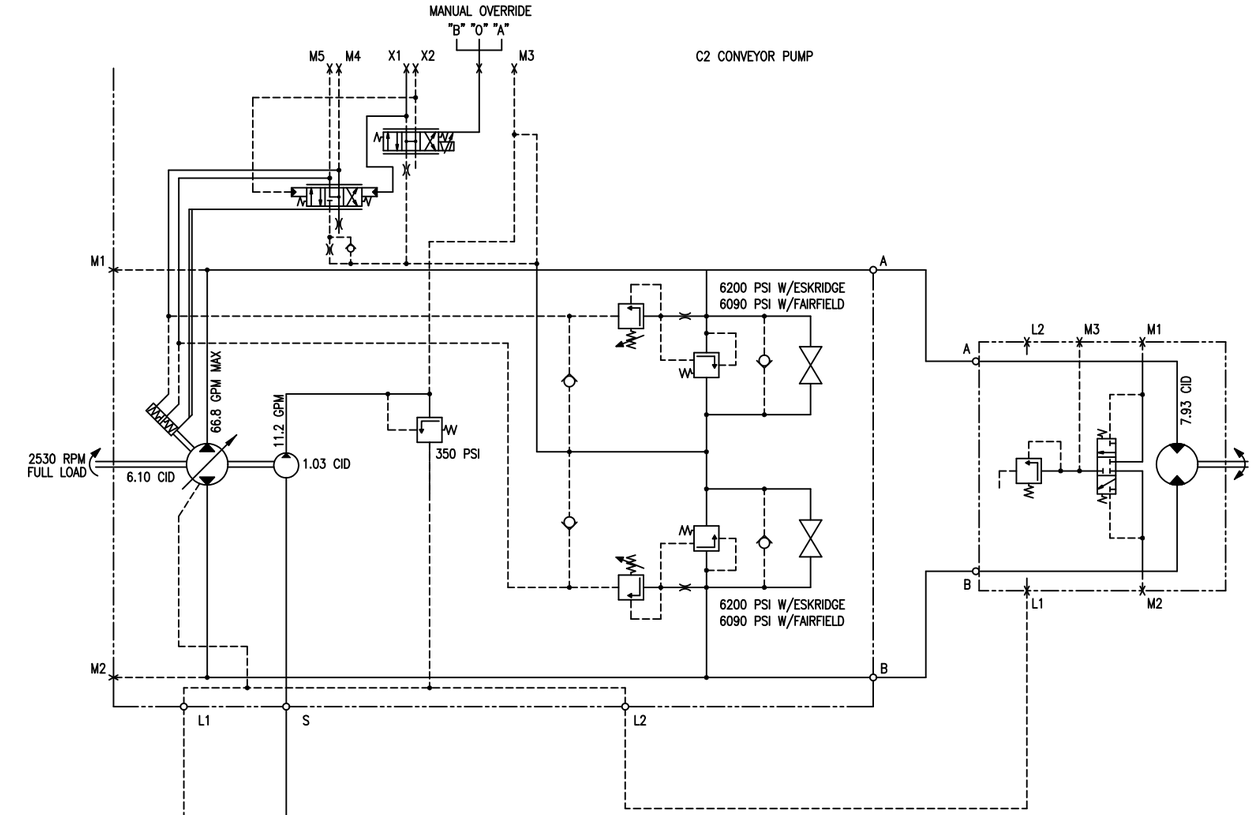
PART NAME: HYDRAULIC SCHEMATIC

01 REQ'D PER SB2500B

DRAWN BY	CHECKED BY	SHEET NO	FAB CODE	EFFECTIVE S/N
JHB		1 of 6	615	585

SCALE	DATE	DWG NO	REV.
1/2=1	3/5/01	147116-01	0





C-2/C-3 CIRCUIT

THIS DRAWING REPLACES 140025-01, EC #1086

all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

ROADTEC

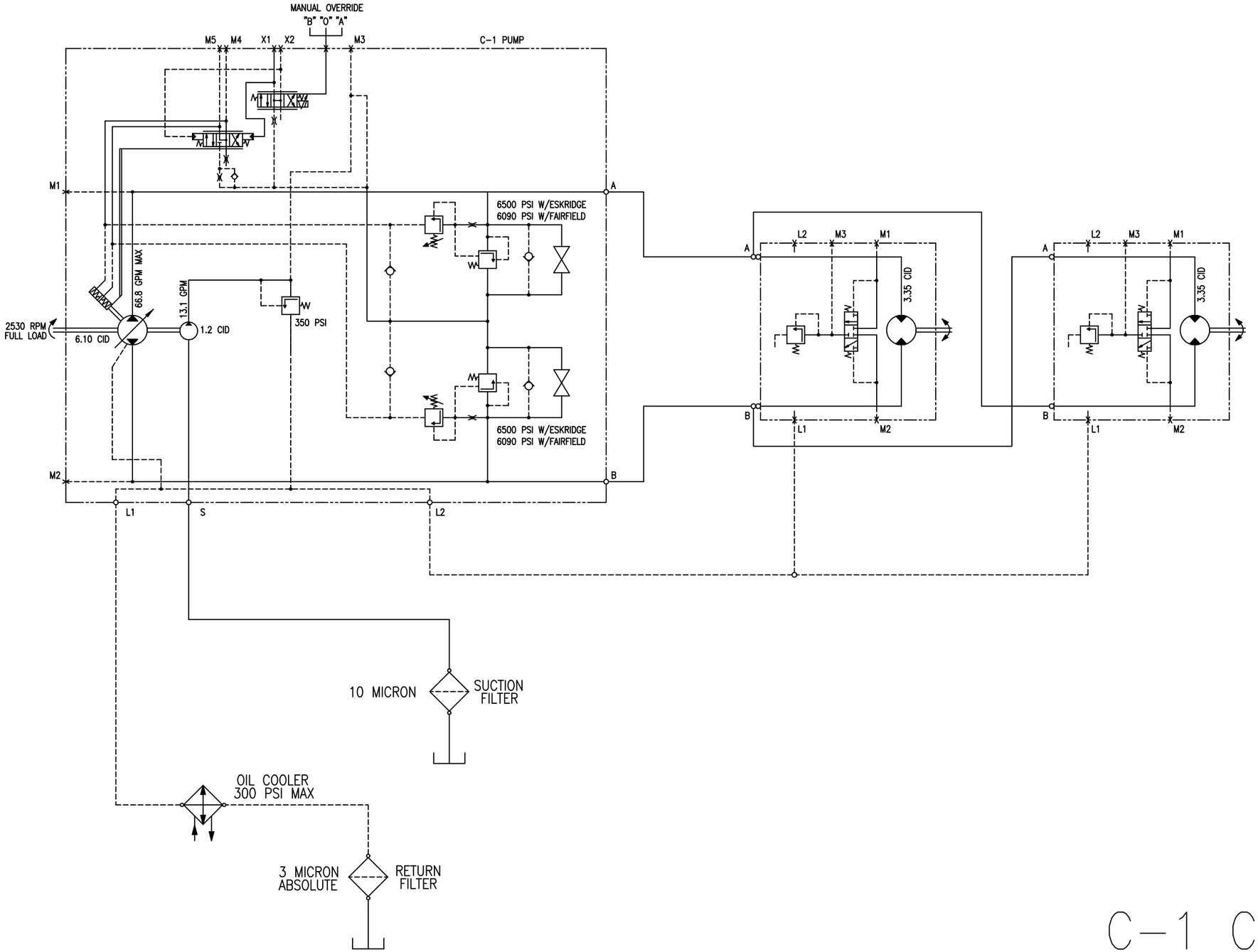
PART NAME: HYDRAULIC SCHEMATIC

01 REQ'D PER SB2500B

SHEET NO	FAB CODE	EFFECTIVE S/N
2 of 6	615	585

DRAWN BY	CHECKED BY	DWG NO	REV.
JHB		147116-01	0

SCALE: 1/2=1 DATE: 3/5/01



C-1 CIRCUIT

THIS DRAWING REPLACES 140025-01, EC #1086

all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

ROADTEC

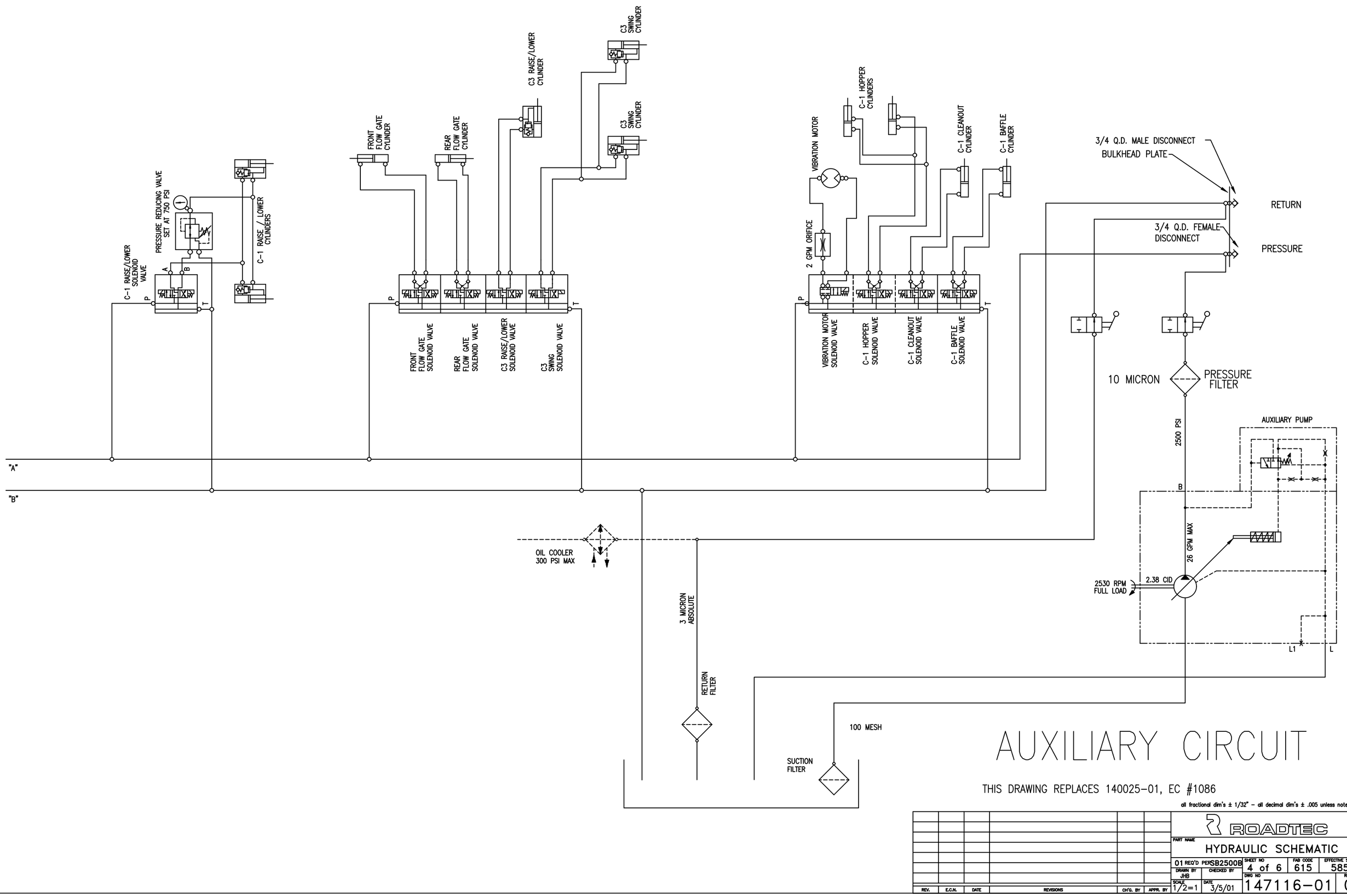
PART NAME: HYDRAULIC SCHEMATIC

01 REQ'D PER SB2500B

SHEET NO	FAB CODE	EFFECTIVE S/N
3 of 6	615	585

DRAWN BY	CHECKED BY	DWG NO	REV.
JHB		147116-01	0

SCALE: 1/2=1 DATE: 3/5/01



AUXILIARY CIRCUIT

THIS DRAWING REPLACES 140025-01, EC #1086

all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

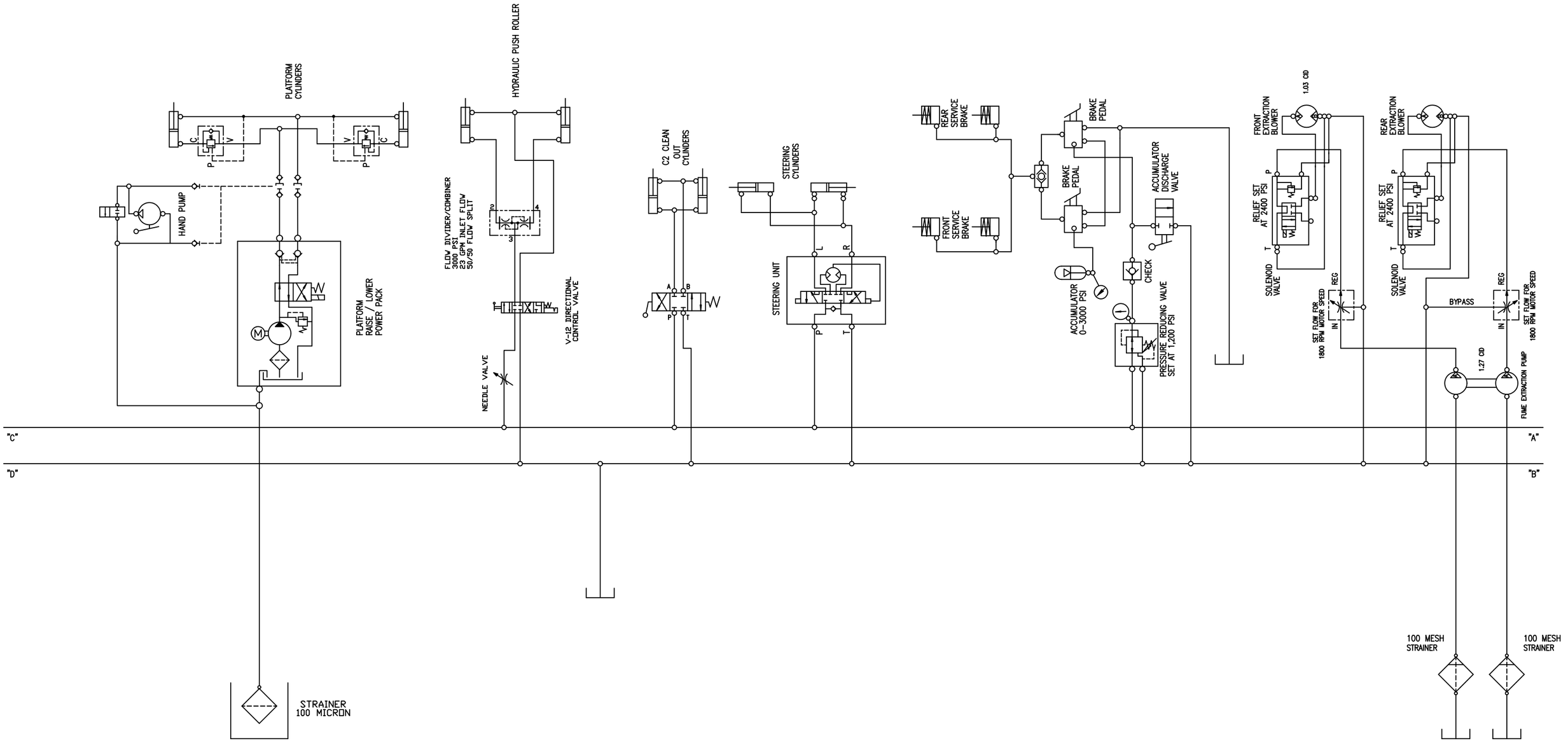
ROADTEC

PART NAME: HYDRAULIC SCHEMATIC

01 REQ'D PER SB2500B | SHEET NO 4 of 6 | FAB CODE 615 | EFFECTIVE S/N 585

DRAWN BY JHB | CHECKED BY | DWG NO 147116-01 | REV. 0

SCALE 1/2=1 | DATE 3/5/01



AUXILIARY CIRCUIT CON'T

THIS DRAWING REPLACES 140025-01, EC #1086

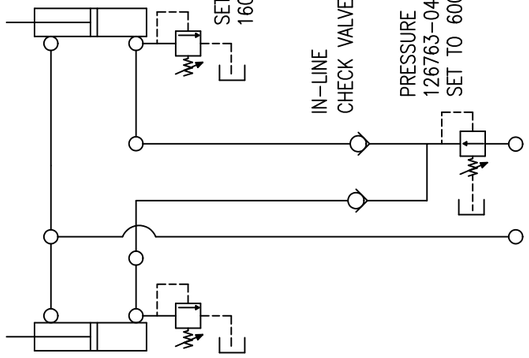
all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

ROADTEC

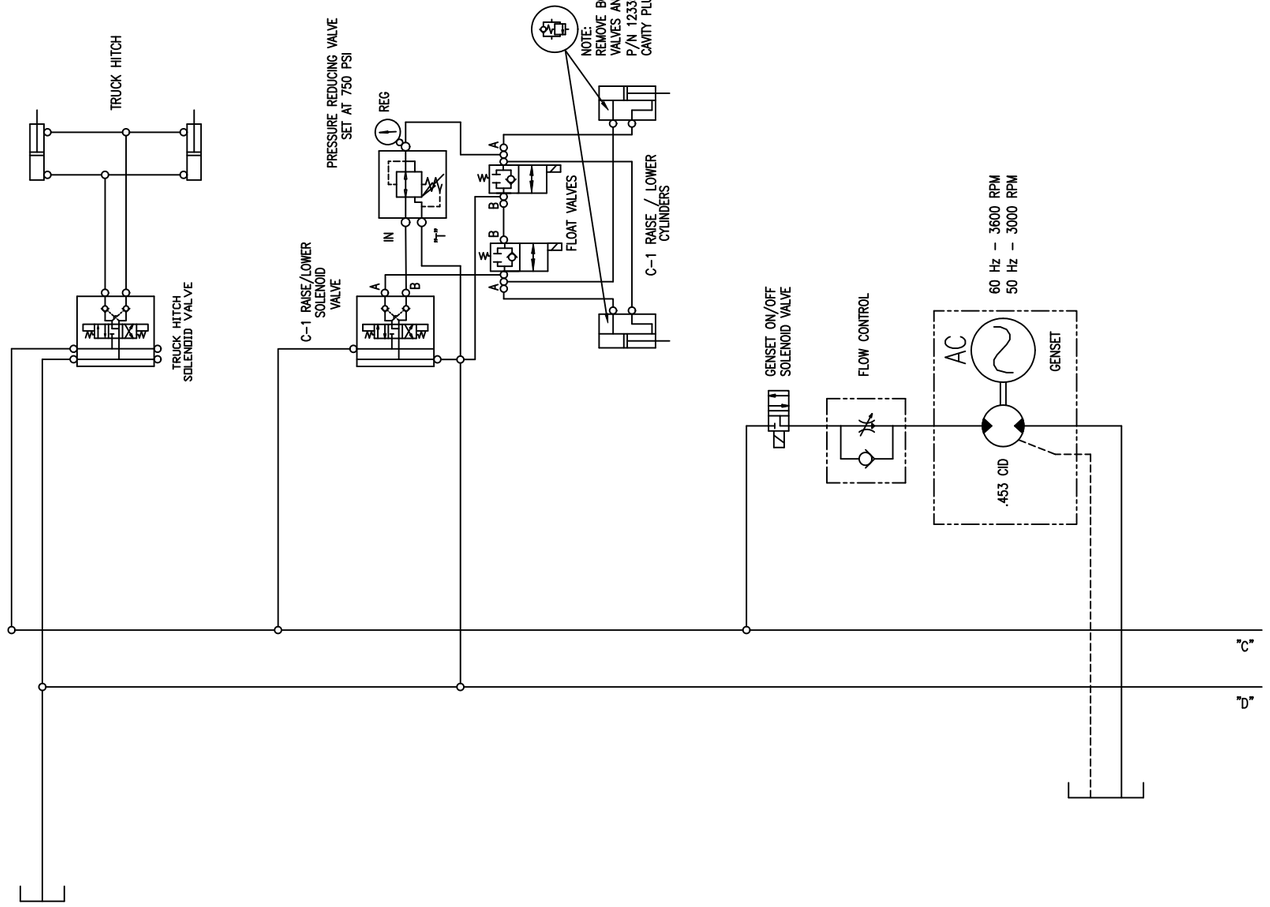
PART NAME: HYDRAULIC SCHEMATIC

01 REQ'D PER SB2500B	SHEET NO 5 of 6	FAB CODE 615	EFFECTIVE S/N 585
DRAWN BY JHB	CHECKED BY		
SCALE 1/2=1	DATE 3/5/01	DWG NO 147116-01	REV. 0



CYLINDER
PN. 135016-03
2 1/2" BORE
1 1/4" ROD
5" STROKE
20.26" EXT'D

HYDRAULIC WINDROW SCRAPER RELIEF CIRCUIT



OPTIONS

THIS DRAWING REPLACES 140025-01, EC #1086

all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

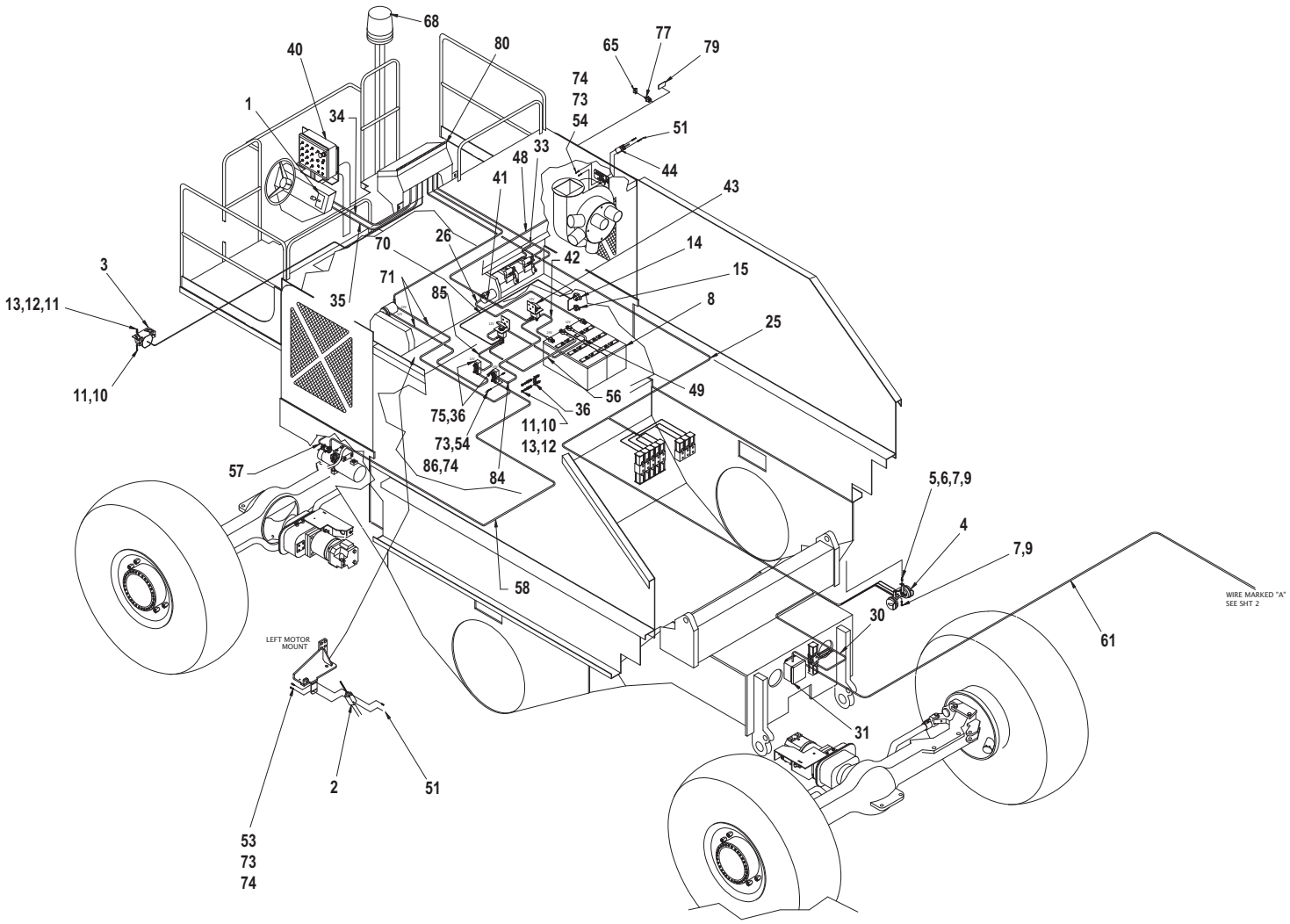
ROADTEC

PART NAME: HYDRAULIC SCHEMATIC			
01 REQ'D PER SB2500B	SHEET NO: 6 of 6	FAB CODE: 615	EFFECTIVE S/N: 585
DRAWN BY: JHB	CHECKED BY:		
SCALE: 1/2=1	DATE: 3/5/01	DWG NO: 147116-01	REV: 0

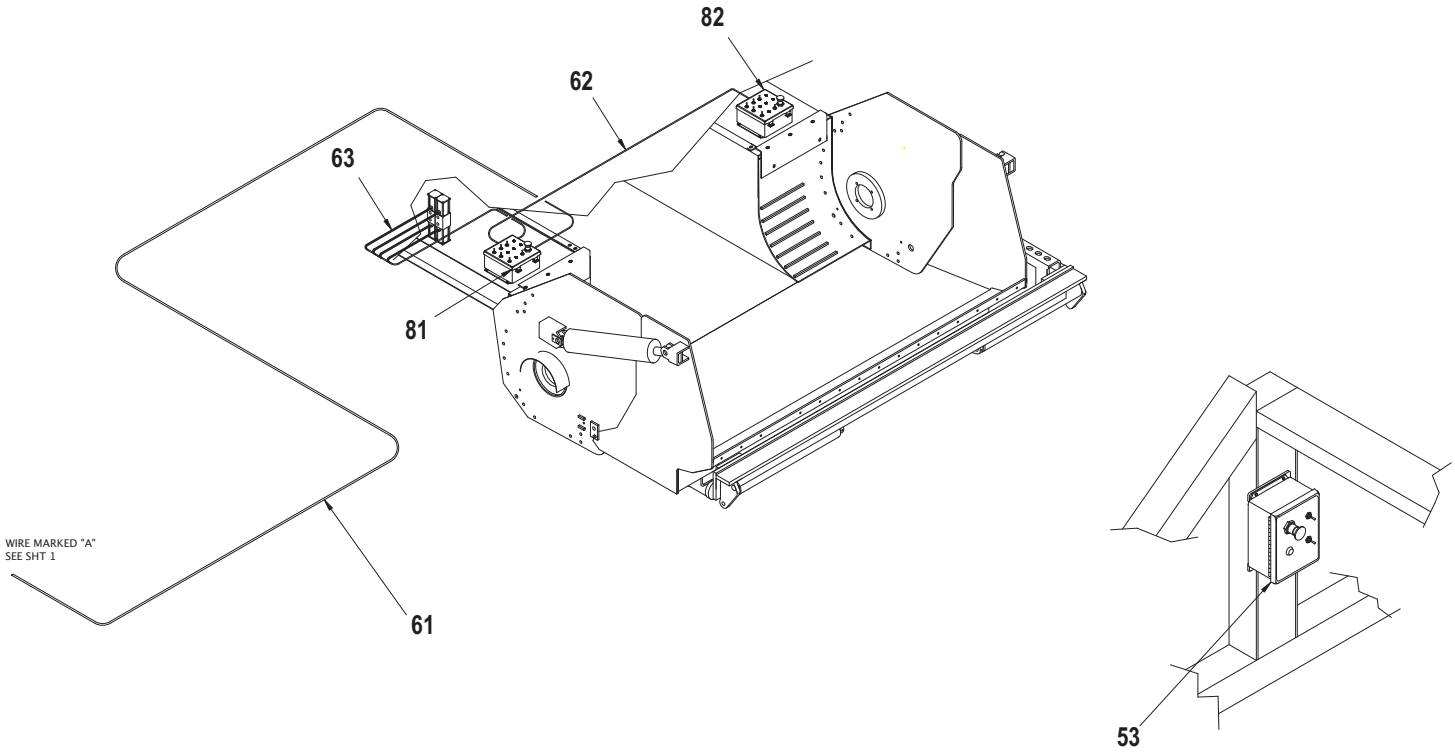
SECTION 5 : ELECTRICAL

ASSEMBLY	PART NO.	S/N	PAGE NO.
ELECTRICAL WIRING	149638-01	622 & UP	5.1
CENTER CONSOLE	149627-01		5.6
STEERING BOX	149632-01		5.10
L.H. HOPPER CONTROL BOX	149625-01		5.14
R.H. HOPPER CONTROL BOX	149626-01		5.16
REMOTE START CONTROL BOX	149629-02		5.19
C-1 JUNCTION BOX	149631-02		5.22
C-1 JUNCTION BOX HARNESS	149637-01		5.25
ENGINE WIRE HARNESS	149636-01		5.27
CABLE 4-1 WIRE HARNESS	149635-01		5.29
ELECTRICAL SCHEMATIC	149624-01		5.31

ELECTRICAL ASSEMBLY (J. DEERE ENGINE)
(149638-01)



ELECTRICAL ASSEMBLY (J. DEERE ENGINE)
(149638-01)



ELECTRICAL ASSEMBLY (J. DEERE ENGINE)
(149638-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	145675-01	OPERATORS DRIVE CONSOLE	1
2	145333-01	WIRE HARNESS - RAD. LIMIT SWITCH	1
3	89077-04	REVERSING ALARM	1
4	97779-04	ALARM - HORN ELEC. TWIN-TONE 12 V.	1
5	83065	LOCKWASHER 1/4" SPRING STEEL	9
6	89772	NUT, HEX 1/4 - 20 GD. 8	9
7	89988-04	BOLT, HEX 1/4 - 20 X 3/4"	4
8	11S35	BATTERY - WET CHARGED 4D 12 V.	2
9	84444	FLAT WASHER 1/4" STEEL	18
10	84332	BOLT, HEX 3/8 - 16 X 1"	28
11	83757	FLAT WASHER 3/8" STEEL	56
12	83056	LOCKWASHER 3/8" SPRING STEEL	28
13	83055	NUT, HEX 3/8 - 16 GD. 8	28
14	20Z54	CIRCUIT BREAKER 60 AMP.	1
15	90930-04	CIRCUIT BREAKER 40 AMP.	1
16	92756-04	4-PIN CONNECTOR	4
17	127519	3-PIN MATING BAG	1
18	127520	ELEC. WEATHER PACK CON	2
19	98319	FEMALE SPADE TERMINAL	5
20	90093	1/2" # 10 RING TERMINAL	2
21	121396	FEMALE CONNECTOR	10
22	95018	WIRE - STDD #8 TFFN BLK, GRN, RED, WHITE	396"
23	141154-01	WIRE HARNESS - MAIN BRKR., WASHDOWN, FXS	1
24	95578	WIRE - 16 GA. BLK, WHITE, RED	120"
25	148334-01	WIRE HARNESS - VALVE STACK	1
26	146126-04	BATTERY CABLE - STARTER TO ISO SWITCH	1
27	95019	WIRE - STRANDED #10 TFFN	480"
28	87856-04	WIRE - 12 GA. AWG BLK, WHITE, RED	540"
29	84316-04	WIRE - 16 - 2 ALPHA	312"
30	149637-01	WIRE HARNESS - C1 JUNCTION BOX	1
31	149631-02	C1 JUNCTION BOX	1
32	92498-04	WIRE - 16 GA. BLUE W/ RED STRIPE	192"
33	149636-01	WIRE HARNESS - ENGINE	1
34	149635-01	WIRE HARNESS - CABLE 4-1	1
35	141157-01	WIRE HARNESS - CABLE 4	1
36	146287-04	FUSIBLE LINK 150 amp	3
37	83648-04	TERMINAL 3/8 RING #10	5
38	90093	WIRE - 1/2" EYE X #10 RING	2
39	13E68	TOGGLE SWITCH	1
40	149632-01	STEERING BOX ELECT. ASSY.	1

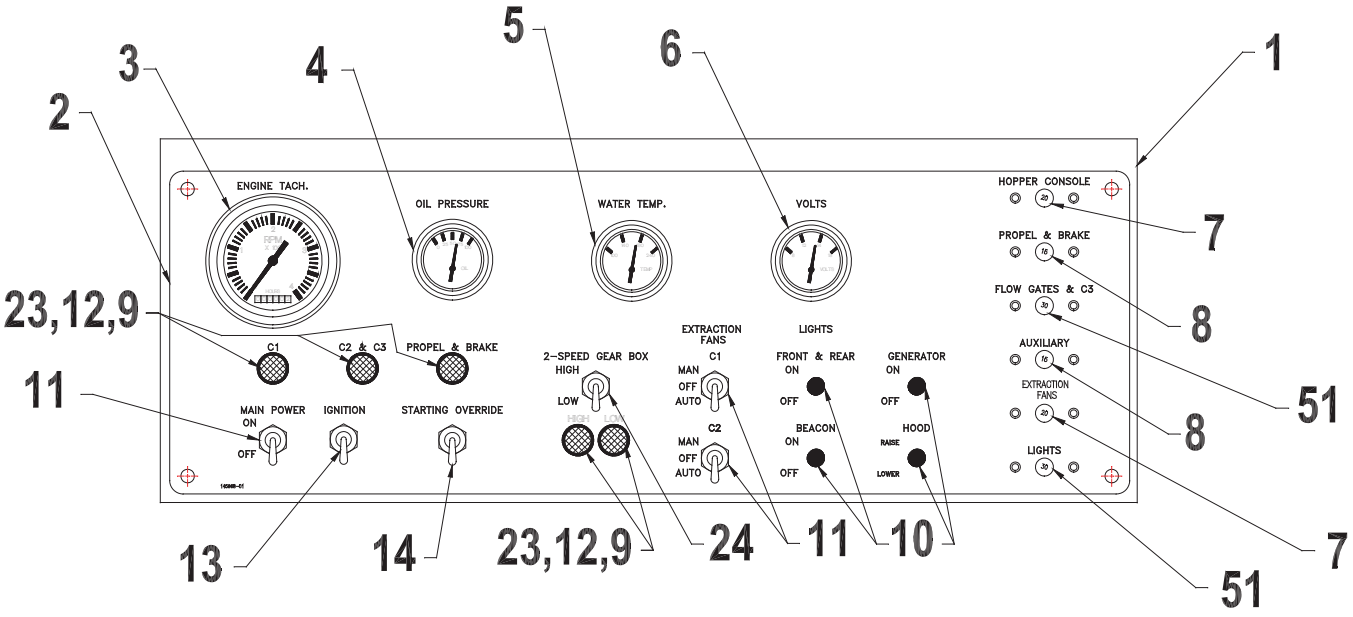
ELECTRICAL ASSEMBLY (J. DEERE ENGINE)
(149638-01)

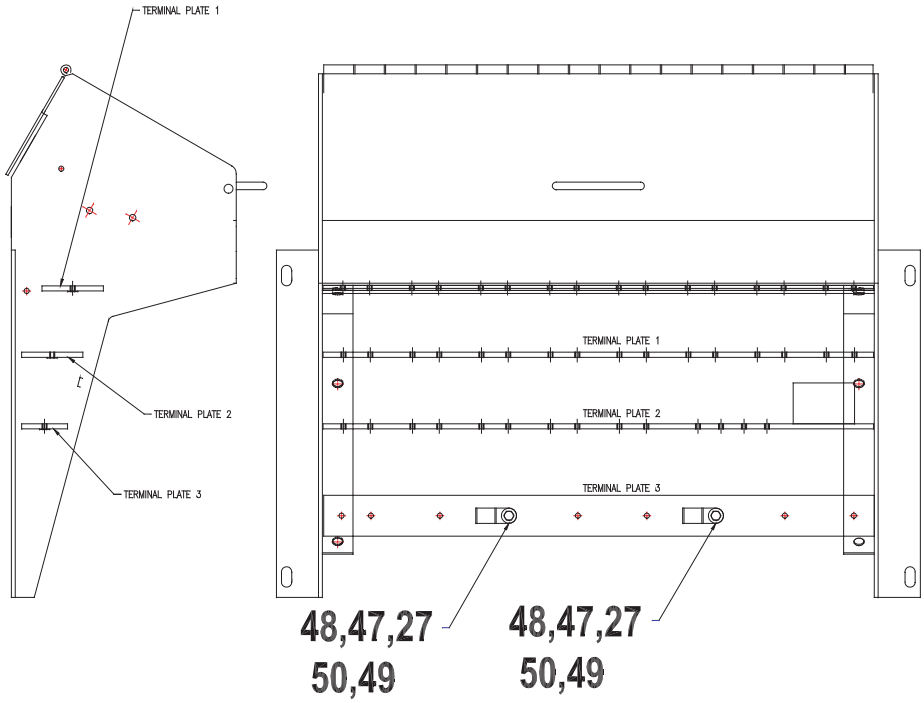
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41	146115-04	BATTERY CABLE - NEG. TO STARTER	1
42	146124-04	BATTERY CABLE - 24 V. TO ISO SWITCH	1
43	130644	BATTERY ISO. SWITCH	2
44	145266-02	LIMIT SWITCH W/ WOBBLE-LEVEL	1
45	86505-04	MOLDING - 3/8" INTERLOCK	1
46	98550-04	MOLDING - 1/2" INTERLOCK	6
47	126976	WIRE TIE - 3/16" X 5 1/2" NYLON	200
48	146127-04	BATTERY CABLE - GRD. TO MAINFRAME	1
49	146125-04	BATTERY CABLE - 12 V. TO ISO SWITCH	1
50	95578	WIRE - 16 GA. BLK, WHITE, RED	60
51	80175	BOLT, SOCK. HD. #10 - 32 X 2"	4
52	141038	ELEC. TAPE 3/4" X 60 YD.	3
53	149629-02	REMOTE START CNTL. BOX	1
54	92552	FLAT WASHER #10	12
55	83657-04	WIRE TIE - 3/16" X 7" NYLON	295
56	146128-04	BATTERY CABLE - GRD. TO ISO. SWITCH	1
57	144857-04	BATTERY CABLE - GRD. TO POWER PACK	1
58	146129-04	BATTERY CABLE - ISO SWITCH TO POWER PACK	1
59	99965	CLAMP - 2" RUBBERIZED TUBE	2
60	149624-01	ELECTRICAL SCHEMATIC	1
61	142310-03	WIRE HARNESS - C1 JUNC. TO C1 CNTL.	1
62	142311-03	CROSS-OVER HARNESS (C1 CNTL. BOX)	1
63	142312-03	WIRE HARNESS - C1 CNTL. VALVE STACK	1
64	11K76	CLAMP - MOUNTING FOR 1 1/4" HOSE	4
65	97490-C1	SWITCH COVER	4
66	83649-04	TERMINAL - FEMALE SPADE .20EA	10
67	120276-C1	KNOB - 1/4" SHAFT FOR POTENT.	2
68	142678-01	12 V. WARNING BEACON	1
69	83905-04	WIRE TIES - 1/4" X 14" NYLON	200
70	146130-03	WIRE HARNESS - 60 AMP BREAKER	1
71	146132-01	WIRE HARNESS - ALTERNATOR	1
72	146133-03	WIRE HARNESS - STARTER	1
73	90102	NUT, HEX #10 - 32	8
74	90103	LOCKWASHER #10	8
75	146264-04	BASE - FUSIBLE LINK	2
76	93118	12 V. START ASSIST SOLENOID	1
77	136784-04	SWITCH - TOGGLE ON/OFF/ON DPDT	1
78	142461	YELLOW #10 FORK TERM.	1
79	144443-04	DATA PLATE - C3 CLEAN-OUT DOOR	1
80	149627-01	CENTER CONSOLE ELECTICAL ASSY.	1

ELECTRICAL ASSEMBLY (J. DEERE ENGINE)
(149638-01)

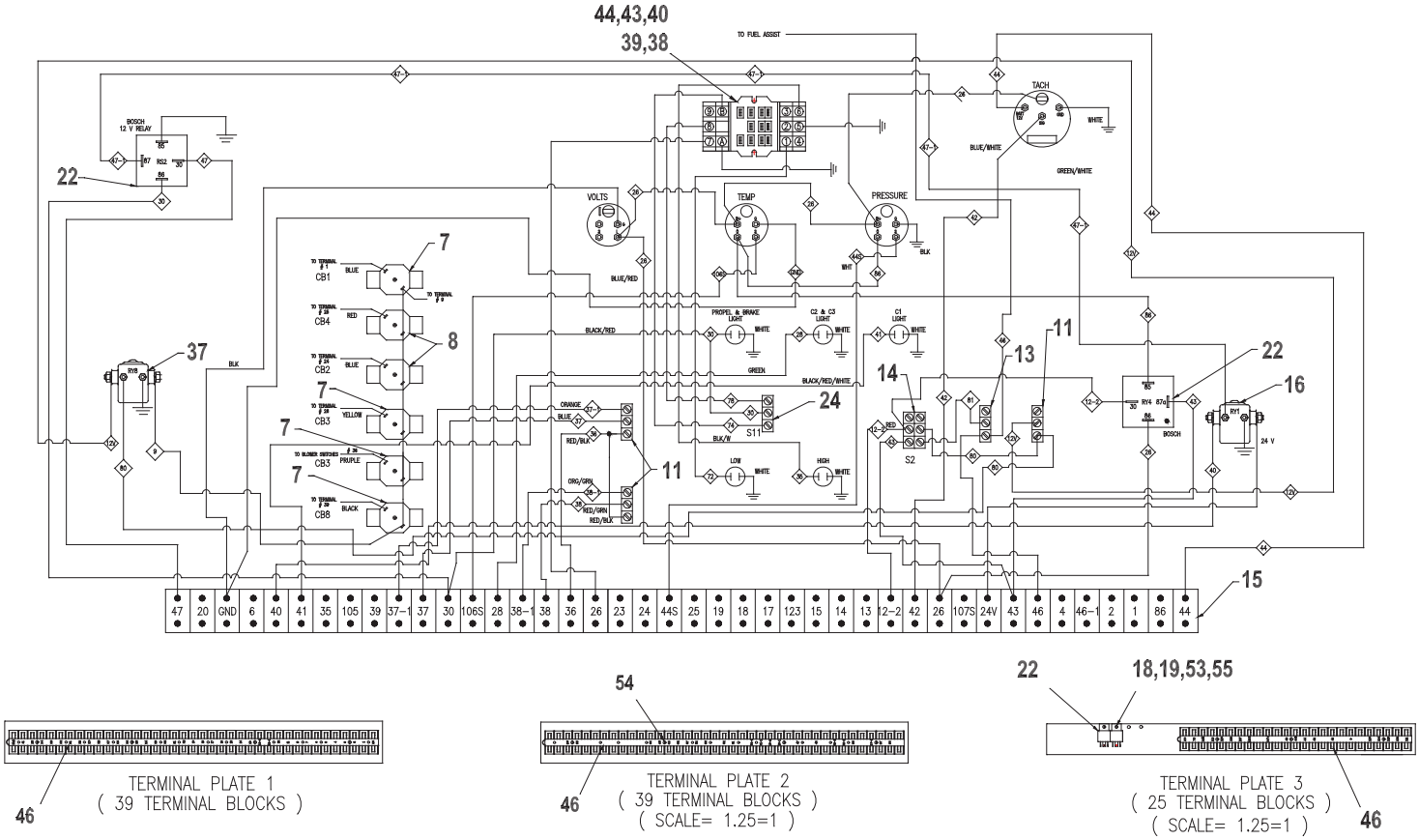
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
81	149626-01	R.H. OPERATORS CONTROL BOX	1
82	149625-01	L.H. OPERATORS CONTROL BOX	1
83	146131-03	WIRE HARNESS - FUEL VALVE	1
84	146296-04	BATTERY CABLE - FUSIBLE LINK TO ISO	1
85	146298-04	BATTERY CABLE - FUSIBLE LINK TO BATTERY	1
86	135807-04	SCREW, SLOT HD. 10 - 32 X 1"	4
87	145538	CLAMP - 3 PC. MTG. FOR 1 1/2" O.D. HOSE	1
88	11K77	CLAMP - MOUNTING FOR 1" O.D. HOSE	3

SB-2500B CENTER CONSOLE ELECTRICAL ASSEMBLY (149627-01)





SB-2500B CENTER CONSOLE ELECTRICAL ASSEMBLY (149627-01)



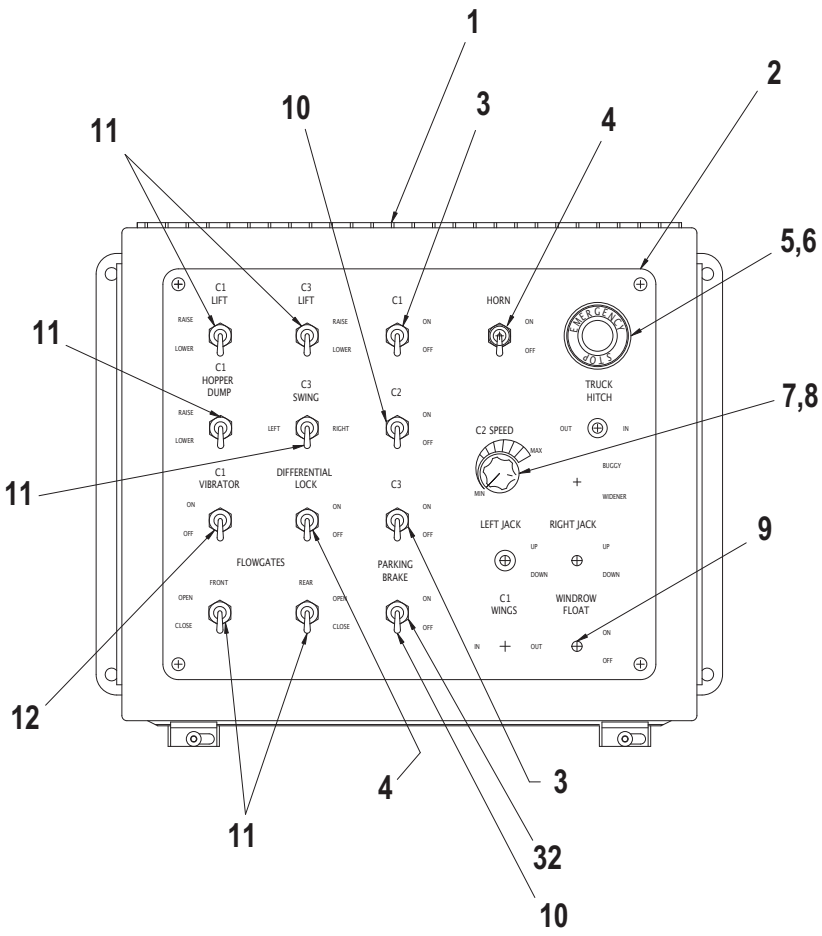
SB-2500B CENTER CONSOLE ELECTRICAL ASSEMBLY (149627-01)

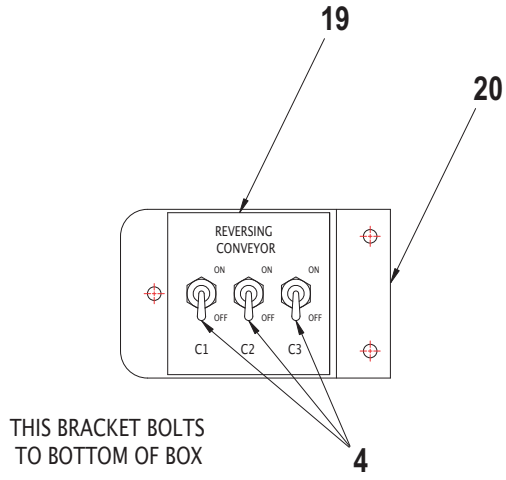
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	120199-01	CENTER CONSOLE	
2	145968-01	CENTER CONSOLE DATA PLATE	1
3	143252-04	GAUGE - TACH.	1
4	143254-04	GAUGE - PRESSURE	1
5	143253-04	GAUGE - TEMP.	1
6	143255-04	GAUGE - VOLTS	1
7	90089	CIRCUIT BREAKER 20 AMP	2
8	13A04	CIRCUIT BREAKER 15 AMP	2
9	80446-04	LIGHT - RED JEWEL LENS	5
10	97944-04	HOLE PLUG 1/2"	1
11	13E68	TOGGLE SWITCH	3
12	128180	LIGHT - BULB 12 V. 127SB5	5
13	97542	TOGGLE SWITCH ON / OFF SP-ST-SR	1
14	135431-04	TOGGLE SWITCH	1
15	13C69	TERMINAL BLOCK	103
16	93118	SOLENOID - 12 V. START ASSIST	1
17	83856-04	WIRE TIE - 3/16" X 4" NYLON	57
18	92552	FLAT WASHER # 10	4
19	90103	LOCKWASHER # 10	2
20	93253	WIRE - TERM. RING # 16 GA. (NOT SHOWN)	26
21	90554	WIRE - RING TERMINAL # 10	24
22	121746-04	RELAY - BOSCH 12 V. 40 AMP	2
23	80449-04	LIGHT - SOCKET	5
24	139471	TOGGLE SWITCH	1
25	126976	WIRE TIE - 3/16" X 5 1/2" NYLON	43
26	83657-04	WIRE TIE - 3/16" X 7" NYLON	12
27	95966	CLAMP - 3/4" CUSHION TUBE (1/2" BOLT)	2
28	28Y52	TERMINAL - FEM. NON-INSUL. .250	75
29	98986-04	WIRE - # 8 TERM. # 10 POST (NOT SHOWN)	3
30	121538	WIRE - INSUL. FEM. CONN. (NOT SHOWN)	2
31	90553	WIRE - RING TERMINAL 1/4	2
32	93988	STUD - 10 AWG 5/16 (NOT SHOWN)	3
33	128219	WIRE - RING TERMINAL	4
34	97735	WIRE - FEM. INSUL. SPADE TERMINAL	6
35	121539	MALE CONNECTOR (NOT SHOWN)	3
36	98319	WIRE - FEM. SPADE TERMINAL	10
37	135727-04	POWER RELAY 12 VDC 65 AMP	1
38	96776	RELAY - LATCHING DPDT	1
39	96777	RELAY - BASE	1
40	96777-C1	CLIP KIT	1

SB-2500B CENTER CONSOLE ELECTRICAL ASSEMBLY
(149627-01)

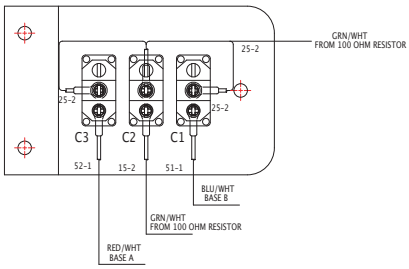
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
41			
42			
43	O1290	SCREW, SLOT HD. M4 X 10 X 84 mm	2
44	45092	NUT, LOCK VM4-0.7 / 890 BN 169	2
45	97976	ADHESIVE MOUNT	46
46	145671-02	DATA PLATE KIT - TERMINAL ID STRIPS	1
47	89773	BOLT, HEX 1/4 - 20 X 1"	2
48	89772	NUT, HEX 1/4 - 20	2
49	83065	LOCKWASHER 1/4" SPRING STEEL	2
50	84444	FLAT WASHER 1/4" STEEL	4
51	92523-04	CIRCUIT BREAKER 30 AMP	2
52	138601-03	DECAL - ALUM. NO. STICKERS	1
53	90102	NUT, HEX 10 - 32	2
54	135807-04	SCREW 10 - 23 X 1"	12
55	90101	SCREW 10 - 23 X 3/4"	2

STEERING BOX ELECTRICAL ASSEMBLY
(149632-01)

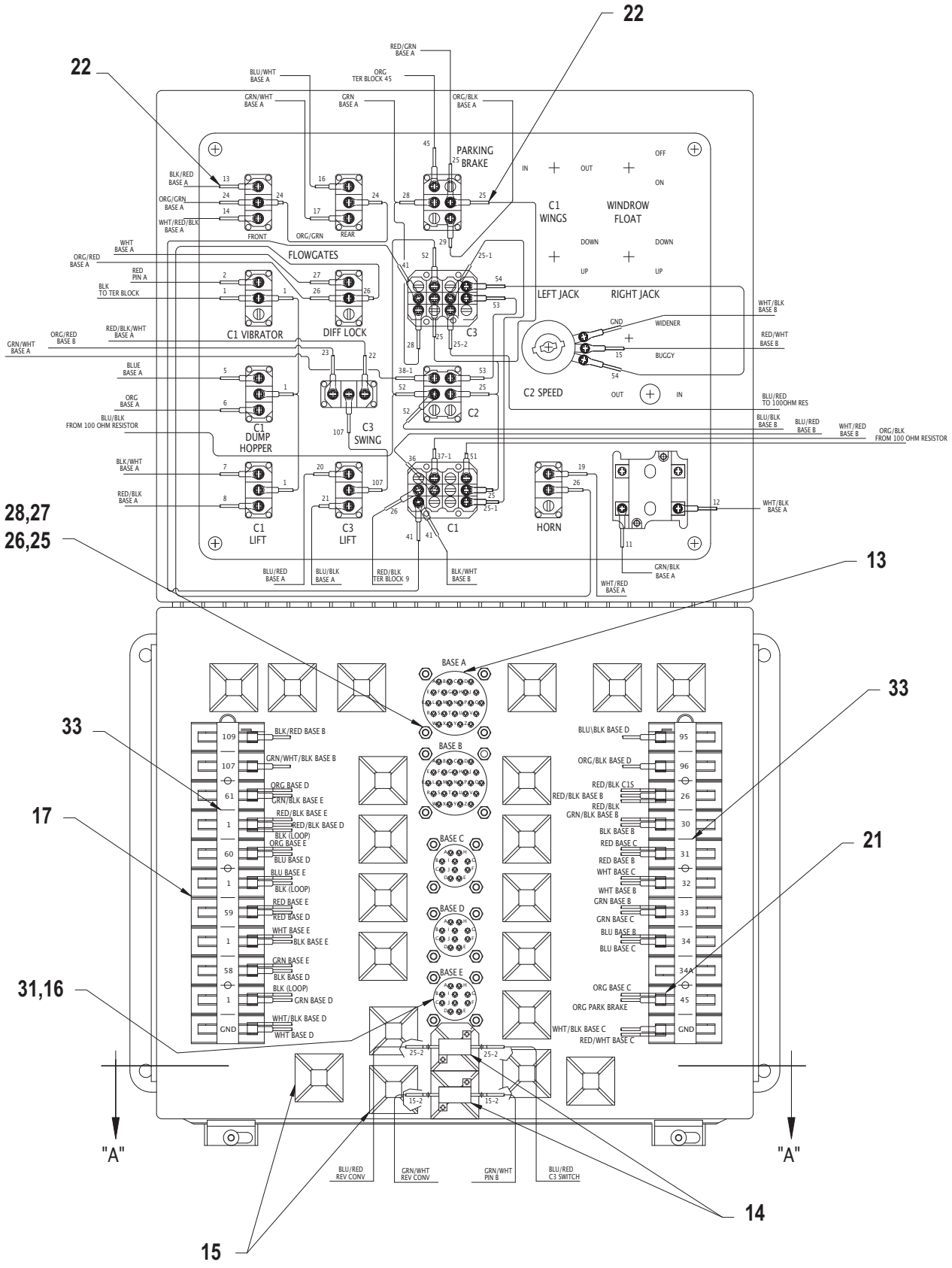




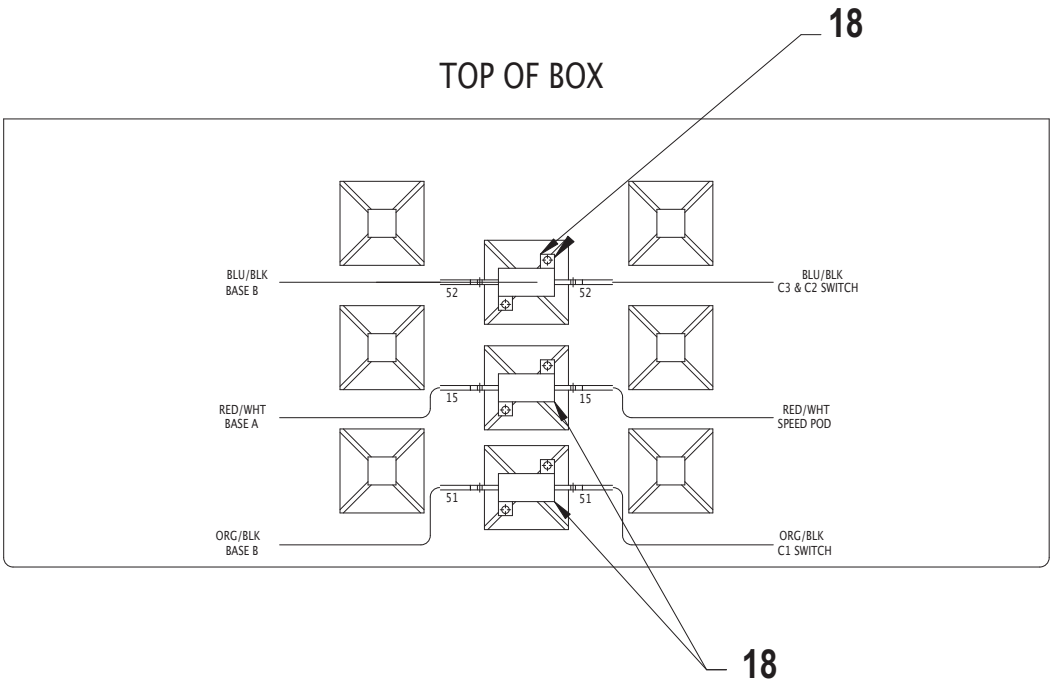
THIS BRACKET BOLTS TO BOTTOM OF BOX



STEERING BOX ELECTRICAL ASSEMBLY
(149632-01)



STEERING BOX ELECTRICAL ASSEMBLY
(149632-01)

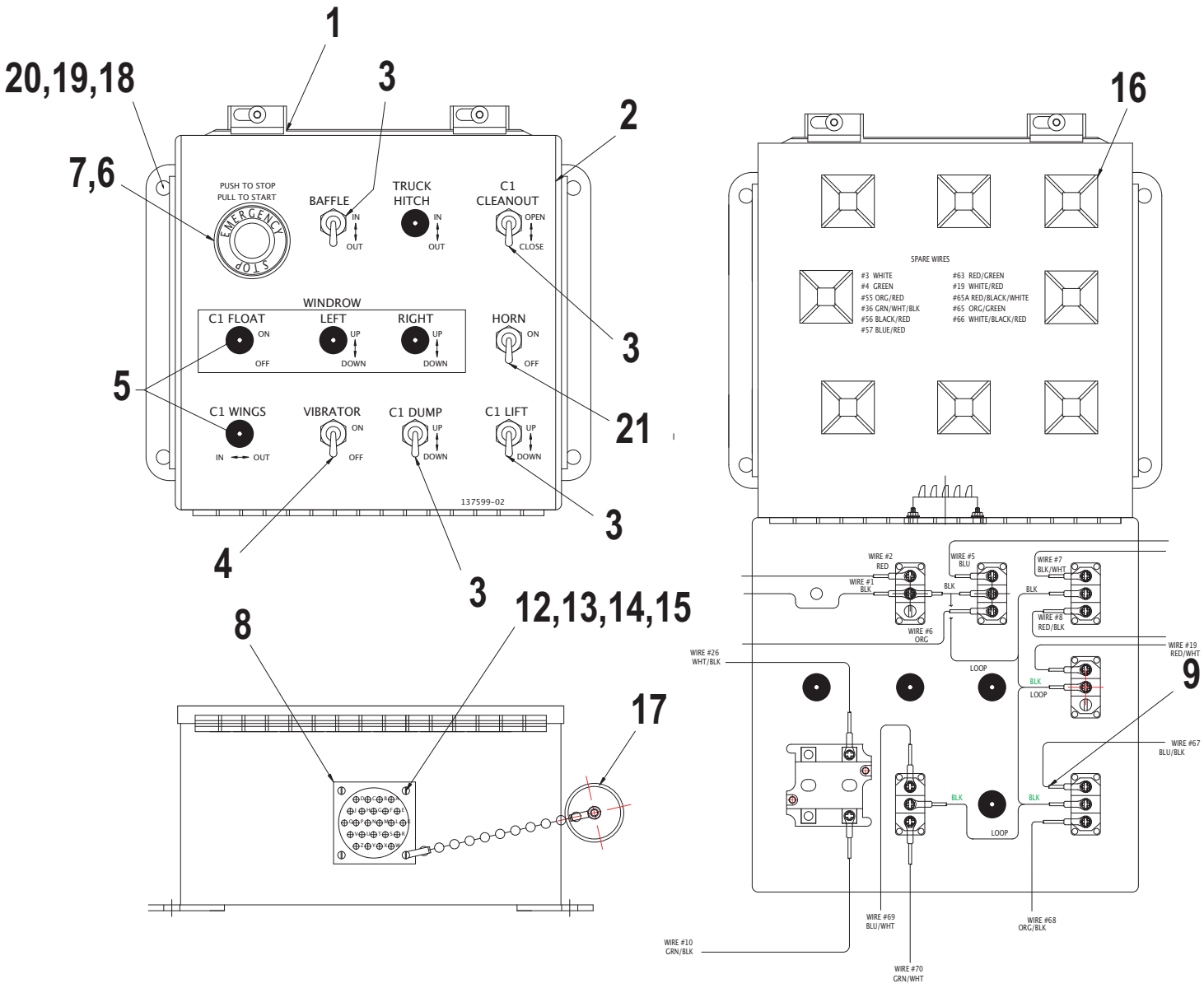


SECTION "A-A"

STEERING BOX ELECTRICAL ASSEMBLY
(149632-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	141526-01	STEERING CONTROL BOX	1
2	139988-01	DATA PLATE - STEERING CNTL. BOX	1
3	20Z53	SELECTOR SWITCH	2
4	97542	TOGGLE SWITCH ON/OFF SP-ST-SR	5
5	93251-04	SWITCH - EMERGENCY STOP	1
6	93250-04	EMERGENCY STOP CONTACT BLOCK	1
7	130406	ROTARY POT. .25 WATT / 100 ohm	1
8	130406-C1	ROTARY POT. KNOB	1
9	97944-04	HOLE PLUG 1/2"	4
10	97678	TOGGLE SWITCH DPDT	2
11	139471	TOGGLE SWITCH	6
12	13E69	TOGGLE SWITCH	1
13	86448-04	24 PIN RECEPTACLE	2
14	35Z99	RESISTOR - 100 ohm / 12 WATT	2
15	97976	ADHESIVE MOUNT	40
16	80411-04	RECEPTACLE - 10 PIN 2 PC.	3
17	13C69	TERMINAL BLOCK	22
18	120275	RESISTOR - 75 ohm / 10 WATT	3
19	127431-04	DATA PLATE - REVERSING MOTOR	1
20	121388-02	BRKT. - OPERATORS ENCLOSURE	1
21	28Y52	TERMINAL FEM. NON-INSUL. .250	40
22	93253	TERMINAL RING 16 GA. (NOT SHOWN)	61
23	83856-04	WIRE TIE - 3/16" X 4" NYLON	48
24	126976	WIRE TIE - 3/16" X 5 1/2" NYLON	44
25	O6996	SCREW, SLOT HD. M3 - 0.5 X 20 5.8 84	20
26	O4762	NUT, HEX M3 - 0.5 934	20
27	92554	FLAT WASHER # 6	40
28	131551	LOCKWASHER # 6	20
29	121396	WIRE - FEM. CONNECTOR	10
30	93988	WIRE - TERMINAL 5/16" RING	1
31	80419-04	10 PIN CAP	2
32	97490-C1	SWITCH COVER	1
33	149634-03	DATA PLATE - TERMINAL I.D. STRIP	1

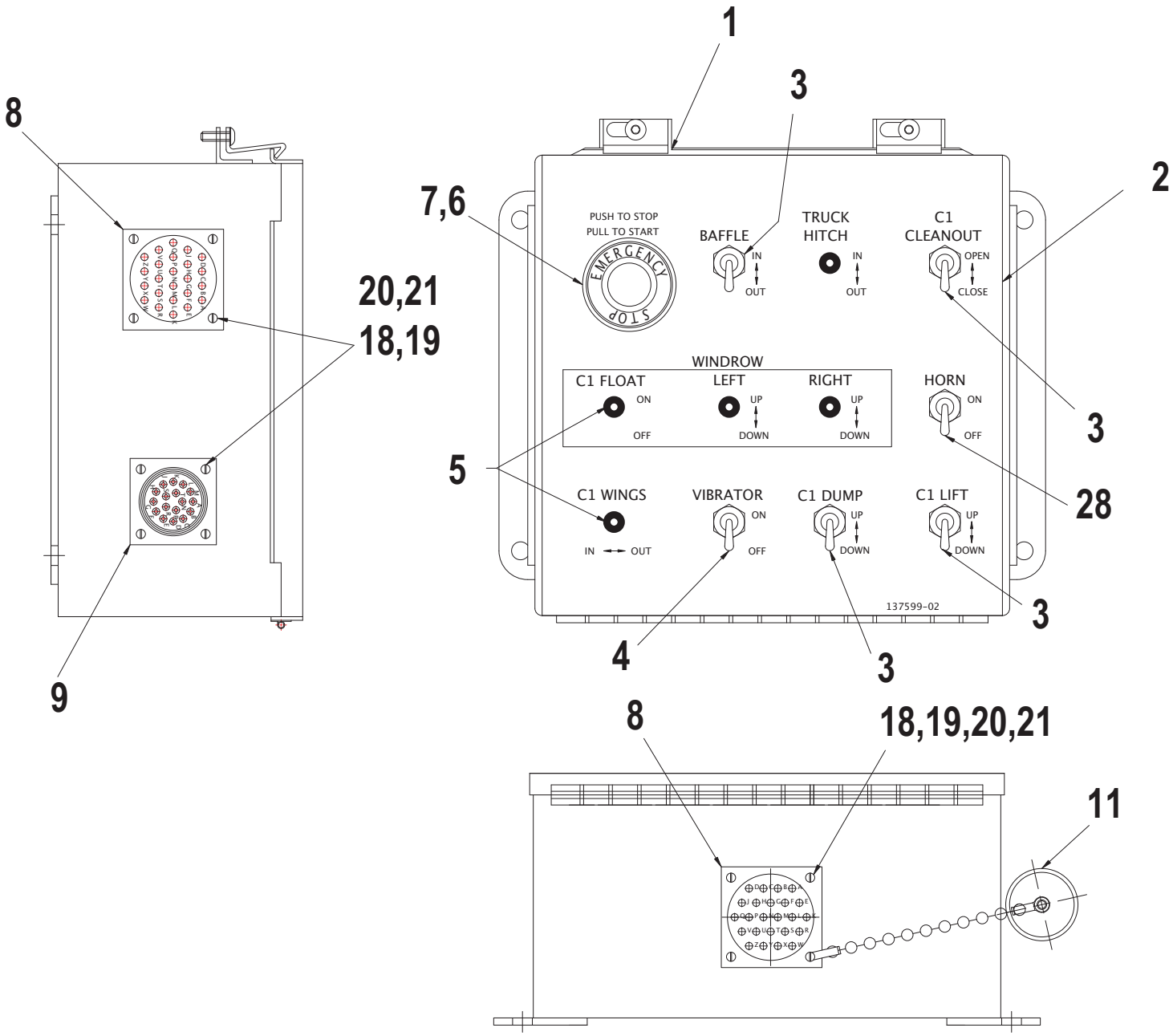
L.H. HOPPER CONTROL BOX ASSEMBLY
(149625-01)



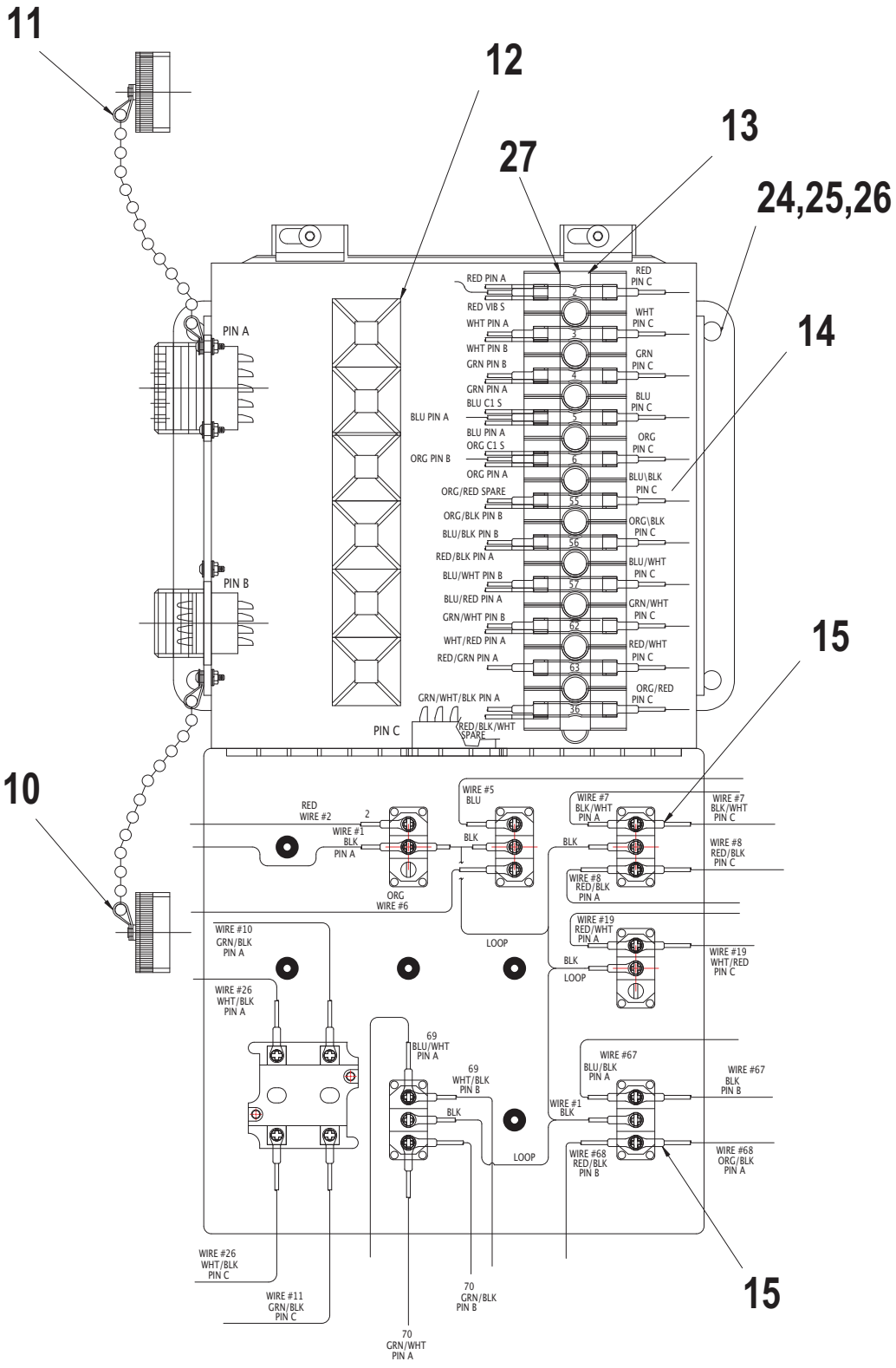
L.H. HOPPER CONTROL BOX ASSEMBLY
(149625-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	142944-01	L.H. HOPPER CONTROL BOX	1
2	137599-02	DATA PLATE - C-1 CONTROL BOX	1
3	139471	TOGGLE SWITCH	4
4	13E69	TOGGLE SWITCH	1
5	97944-04	HOLE PLUG 1/2"	5
6	93251-04	SWITCH - EMERGENCY STOP	1
7	93250-04	EMERGENCY STOP CONTACT BLOCK	1
8	86448-04	24 PIN RECEPTACLE	1
9	93253	16 GA. TERMINAL RING (NOT SHOWN)	19
10	83856-04	WIRE TIE - 3/16" X 4" NYLON	16
11	126976	WIRE TIE - 3/16" X 5 1/2" NYLON	20
12	O6996	SCREW, SLOT HD. M3 - 0.5 X 20 5.8 84	4
13	O4762	NUT, HEX M3 - 0.5 GD. 8 934	4
14	92554	FLAT WASHER # 6	8
15	131551	LOCKWASHER #6	4
16	97976	ADHESIVE MOUNT	12
17	86449-04	24 PIN CAP	1
18	89988-04	BOLT, HEX 1/4 - 20 X 3/4'	4
19	84444	FLAT WASHER 1/4"	4
20	83065	LOCKWASHER 1/4"	4
21	97542	TOGGLE SWITCH	1
22	86624-03	WIRE - 25 CONDUCTOR 16 AWG	36"

R.H. HOPPER CONTROL BOX ASSEMBLY
(149626-01)



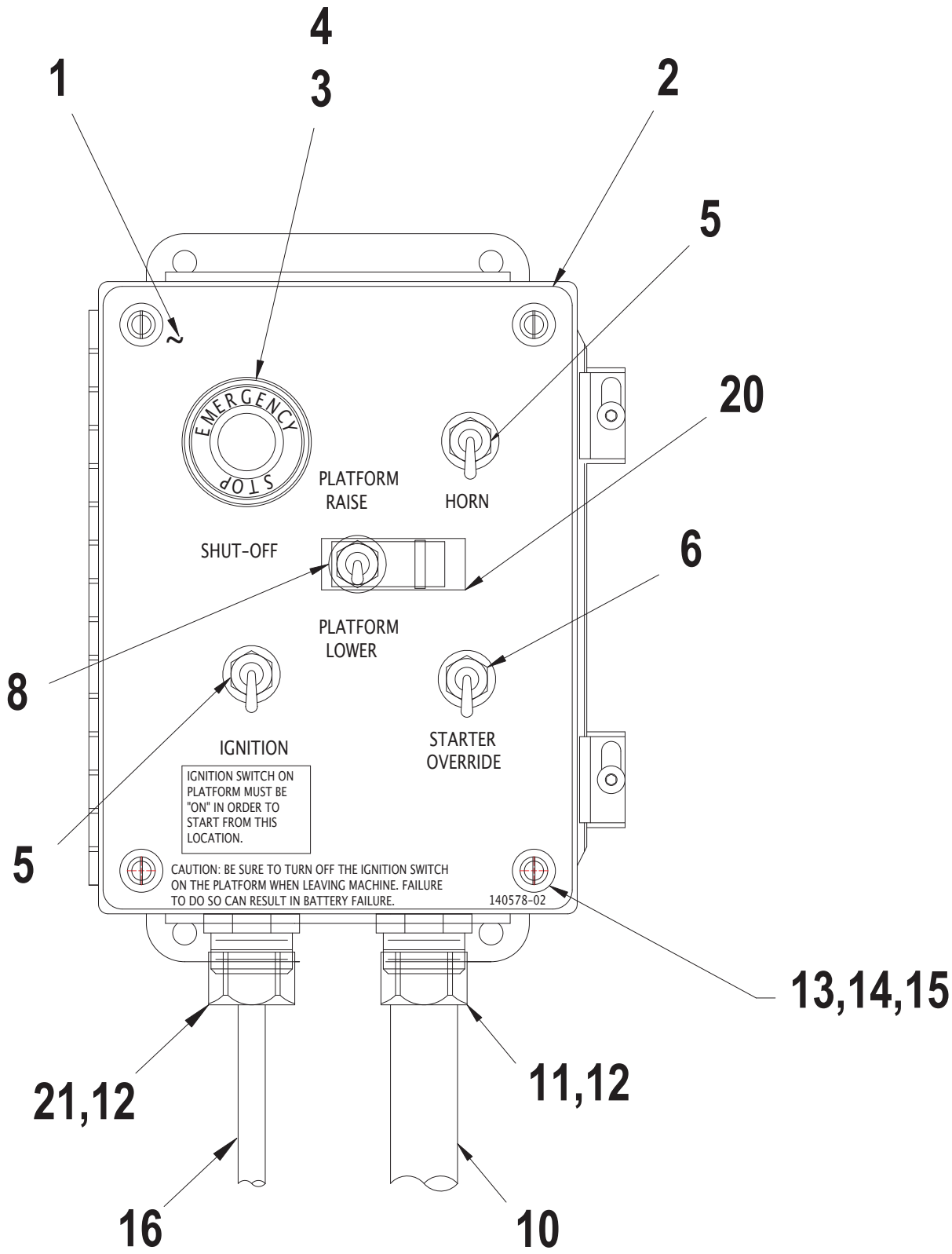
R.H. HOPPER CONTROL BOX ASSEMBLY
(149626-01)



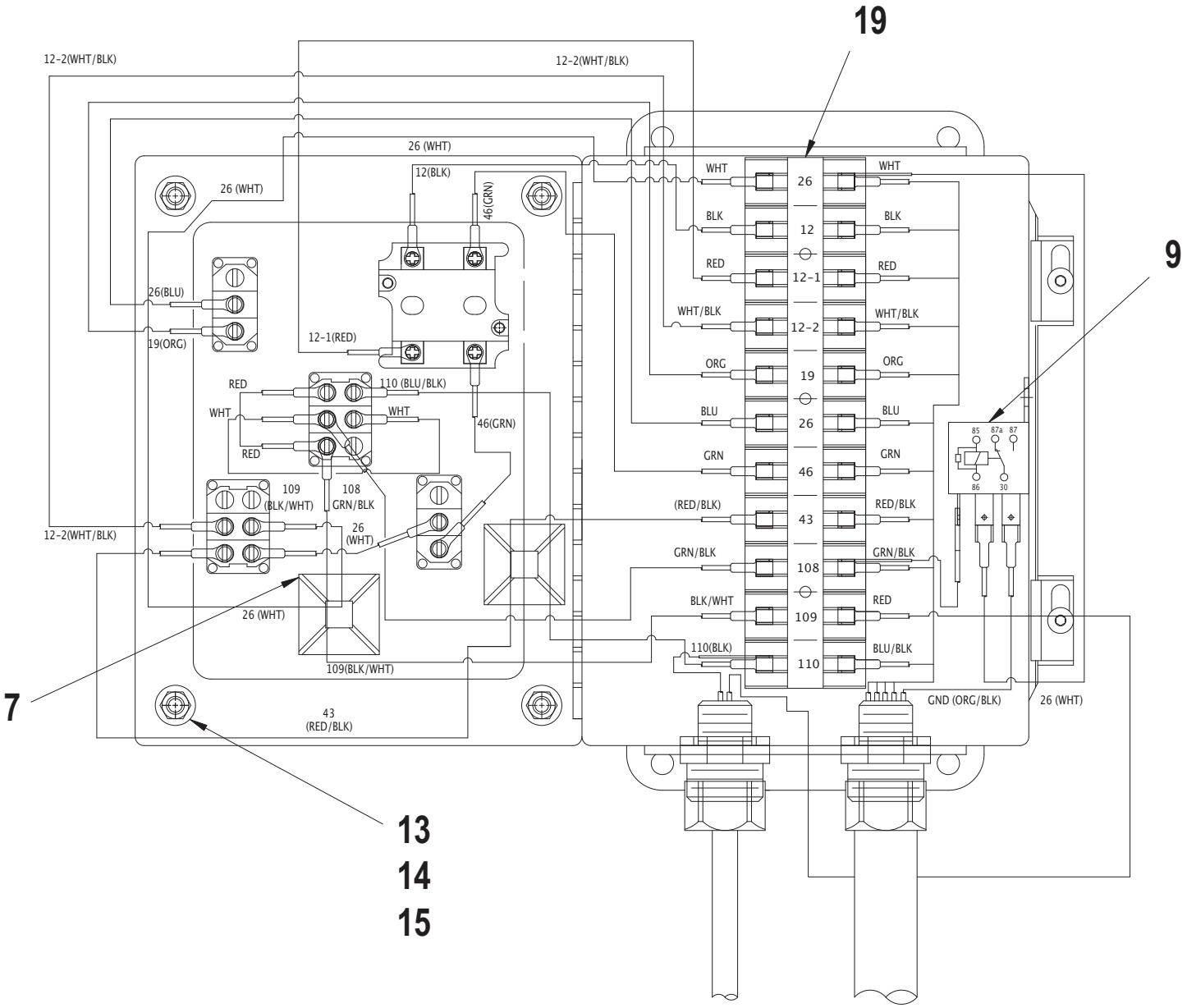
R.H. HOPPER CONTROL BOX ASSEMBLY
(149626-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	141535-01	R.H. HOPPER CONTROL BOX	1
2	137599-02	DATA PLATE C-1 CONTROL BOX	1
3	139471	TOGGLE SWITCH	2
4	13E68	TOGGLE SWITCH	1
5	97944-04	HOLE PLUG 1/2"	5
6	93251-04	SWITCH - EMERGENCY STOP	1
7	93250-04	EMERGENCY STOP CONTACT BLOCK	1
8	86448-04	24 PIN RECEPTACLE	2
9	80417-04	17 RECEPTACLE	1
10	80421-04	7 PIN RECEPTACLE CAP	1
11	86449-04	24 PIN CAP	2
12	97976	ADHESIVE MOUNT	12
13	13C69	TERMINAL BLOCK	11
14	28Y52	TERMINAL - FEM. NON-INSUL. .250	35
15	93253	16 GA. TERMINAL RING	28
16	83856-04	WIRE TIE - 3/16" X 4" NYLON	40
17	126976	WIRE TIE - 3/16" X 5 1/2" NYLON	15
18	O6996	SCREW, SLOT HD. M3-0.5 X 20 5.8 84	12
19	O4762	NUT, HEX M3 - 0.5 GD. 8 934	12
20	92554	FLAT WASHER # 6	24
21	131551	LOCKWASHER # 6	12
22	38Z57	TERMINAL - FEM. INSUL. SPADE	4
23	97735	TERMINAL - M. INSUL. SPADE	4
24	89988-04	BOLT, HEX 1/4 - 20 X 3/4"	4
25	84444	FLAT WASHER 1/4"	4
26	83065	LOCKWASHER 1/4"	4
27	149628-04	DATA PLATE - TERMINAL STRIP	1
28	97542	TOGGLE SWITCH	1

REMOTE START CONTROL BOX ASSEMBLY
(149629-02)



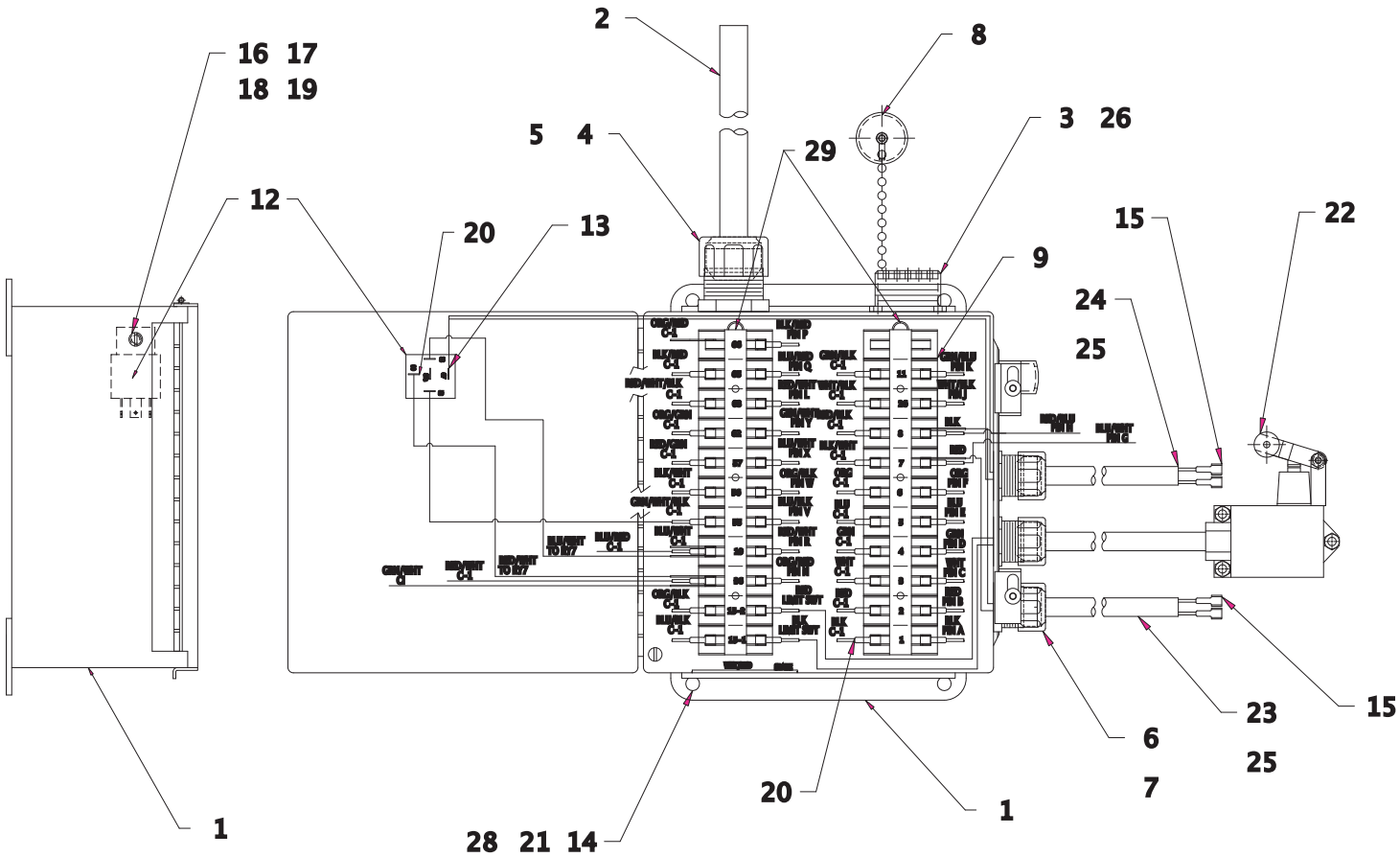
REMOTE START CONTROL BOX ASSEMBLY
(149629-02)



REMOTE START CONTROL BOX ASSEMBLY
(149629-02)

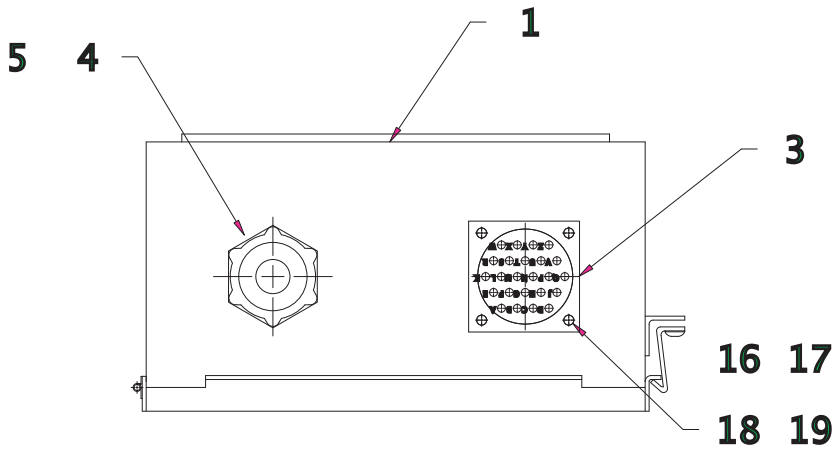
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	142650-03	DATA PLATE - REMOTE START CNTL. BOX	1
2	141156-01	REMOTE START CONTROL BOX	1
3	93251-04	STOP BUTTON	1
4	93250-04	CONTACT BLOCK	1
5	97542	TOGGLE SWITCH	2
6	135431-04	TOGGLE SWITCH	1
7	97976	CABLE TIE MOUNT	6
8	97615	SWITCH - ON/OFF/ON DPDT	1
9	121746-04	BOSCH RELAY 12 V.	1
10	84318	16 GAUGE - 12 CONDUCTOR	210"
11	88552-04	CGB 195 CONNECTOR 1/2	1
12	80643-04	1/2 CONDUCTOR NUT	2
13	90101	SCREW 10 - 23 X 3/4"	4
14	92552	FLAT WASHER 10 - 32	8
15	45092	LOCKWASHER 10 - 32	4
16	84316-04	WIRE 16-2 ALPHA	60"
17	83657-04	WIRE TIE 3/16" X 7"	15
18	126976	WIRE TIE 3/16" X 5 1/2"	25
19	149580-04	TERMINAL STRIP - REMOTE BOX	1
20	97490-C1	SWITCH COVER	1
21	80645-04	CGB 193 CONNECTOR 1/2	1

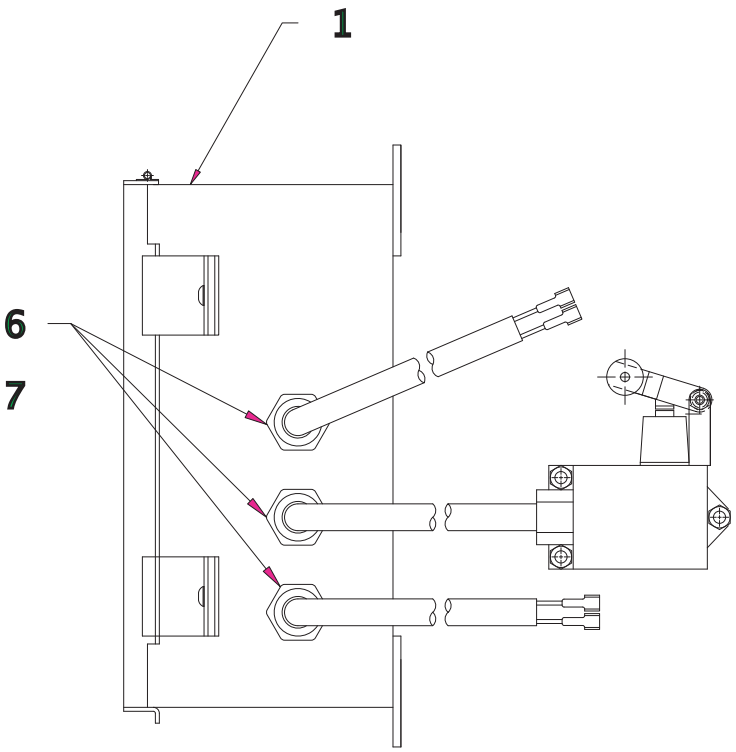
C-1 JUNCTION BOX ASSEMBLY
(149631-02)



ONE REQ'D PER SB-2500B SER. NO. 622
ONE REQ'D PER SB-1500B SER. NO. 121

C-1 JUNCTION BOX ASSEMBLY
(149631-02)



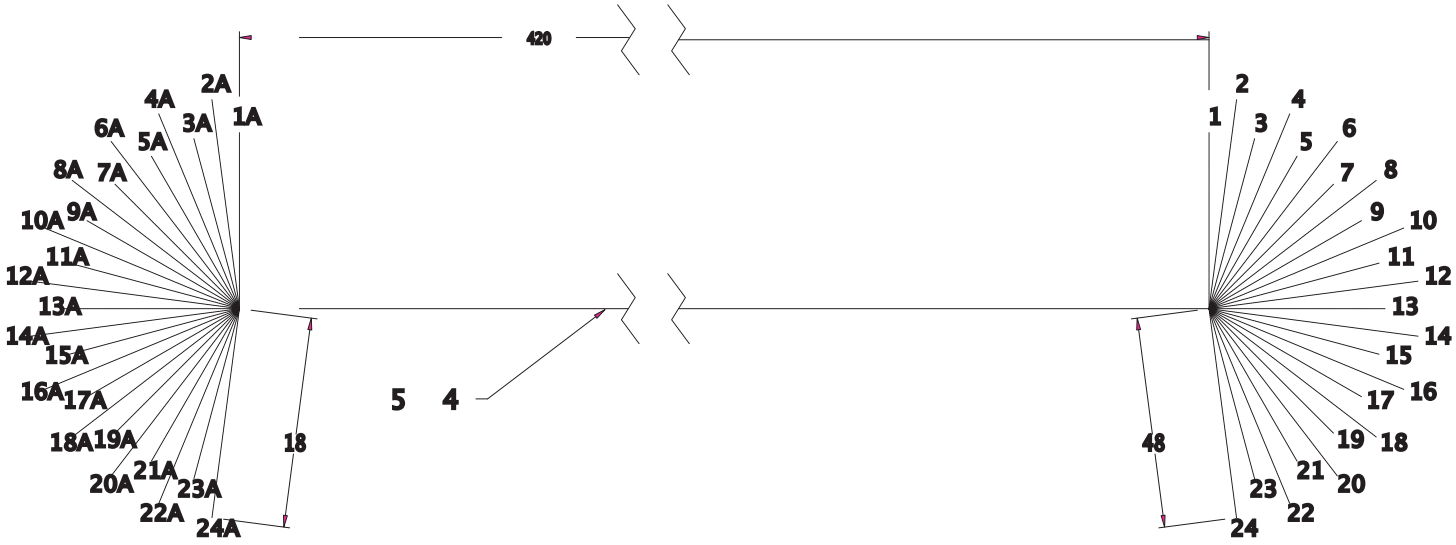


C-1 JUNCTION BOX ASSEMBLY
(149631-02)

QTY	ITEM	IDENT	DESCRIPTION
1	1	142650-03	C-I JUNCTION BOX
REF	2	141156-01	CI JUNCTION BOX WIRE HARNESS
1	3	86448-04	ELEC * 24 PIN RECEPTACLE
1	4	87222-04	ELEC * CGB CONNECTOR 7/8"
1	5	87240-04	ELEC * 7/8" CONDUIT LOCK NUT
3	6	80645-04	ELEC * CGB 193 CONNECTOR 1/2"
3	7	80643-04	NUT * 1/2" CONDUIT LOCKING
1	8	86449-04	ELEC * 24 PIN RECEPTACLE CAP
22	9	13C69	ELEC * TERMINAL BLOCK
11	10	97976	ADHESIVE MOUNT (NOT SHOWN)
15	11	83657-04	WIRE TIE * 3/16"X 7" NYLON (NOT SHOWN)
1	12	121746-04	RELAY * BOSCH 12 VOLT 40 AMPS
1	13	121396	WIRE * FEMALE CONNECTOR
4	14	83065	WASHER * LOCK 1/4
4	15	97735	WIRE * FEMALE INSL.SPADE TERMINAL
5	16	90101	SCREW SLOTTED HEAD 10-32 X 3/4
5	17	90102	NUT * 10-32 UNC HEX
5	18	90103	WASHER * LOCK #10
10	19	92552	WASHER * FLAT #10
49	20	28Y52	FEMALE TERMINAL
4	21	84444	WASHER * FLAT 1/4" STEEL
1	22	142298-03	C-2 CLEAN OUT DOOR LIMIT SWITCH HARNESS
36"	23	84316-04	WIRE ~ 16-2 ALPHA
139"	24	84316-04	WIRE ~ 16-2 ALPHA
175"	25	95021	SPLIT LOOM * 1/4" PLASTIC
36"	26	86624-03	16 AWG ~ 25 CONDUCTOR
25	27	126976	WIRE TIE * 3/16"X 5 1/2" NYLON (NOT SHOWN)
4	28	89773	BOLT * HEX 1/4-20 X 1
1	29	149579-03	TERMINAL STRIP ~ C-1 JUNCTION BOX

WIRE HARNESS C-1 JUNCTION BOX
(149637-01)

NOTE: ITEMS 2 & 3 IS TAPED TO
OUTSIDE OF ITEM (4) 25 WIRE CABLE



KEY	COLOR	WIRE #	QTY	PART #	CONNECTOR TYPE	FUNCTION
1A	BLACK	1	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	12 VOLTS
2A	RED	2	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	VIBRATOR
3A	WHITE	3	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	DIFF LOCK
4A	GREEN	4	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	PARKING BREAK
5A	BLUE	5	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	TRUCK DUMP
6A	ORANGE	6	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	TRUCK DUMP
7A	BLACK/WHITE	7	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C1 LIFT
8A	RED/BLACK	8	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C1 LIFT
9A	WHITE/BLACK	26	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	E-STOP
10A	GREEN/BLACK	11	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	E-STOP
11A	BLUE/BLACK	15-1	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C2 ON
12A	ORANGE/BLACK	15-2	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C3 SWING
13A	RED/WHITE	36	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	12 VOLTS
14A	GREEN/WHITE	36	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	FLOW GATES
15A	BLUE/WHITE	19	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C3 LIFT
16A	WHITE/RED/BLACK	55	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	HORN
17A	GREEN/WHITE BLACK	56	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	12 VOLTS
18A	RED/GREEN	57	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	12 VOLTS
19A	ORANGE/GREEN	62	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	FLOW GATES
20A	RED/BLACK/WHITE	63	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C3 LIFT
21A	BLACK/RED	65	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	PARKING BREAK
22A	ORANGE/RED	66	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	FLOW GATES
23A	WHITE/RED	SPARE	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	FLOW GATES
24A	BLUE/RED	19	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C3 SWING

WIRE HARNESS C-1 JUNCTION BOX
(149637-01)

QTY	ITEM	IDENT	DESCRIPTION
48	1	28Y52	TERMINAL ~ FEMALE NON INSULATE
420"	2	95019	WIRE ~ STRANED #10 (WHITE
2	3	121396	ELECTRICAL FEMALE PLUG
420"	4	86624-03	25 CONDUCTOR ~ 16 GAUGE WIRE
354"	5	98298	SPLIT LOOM ~ 1"

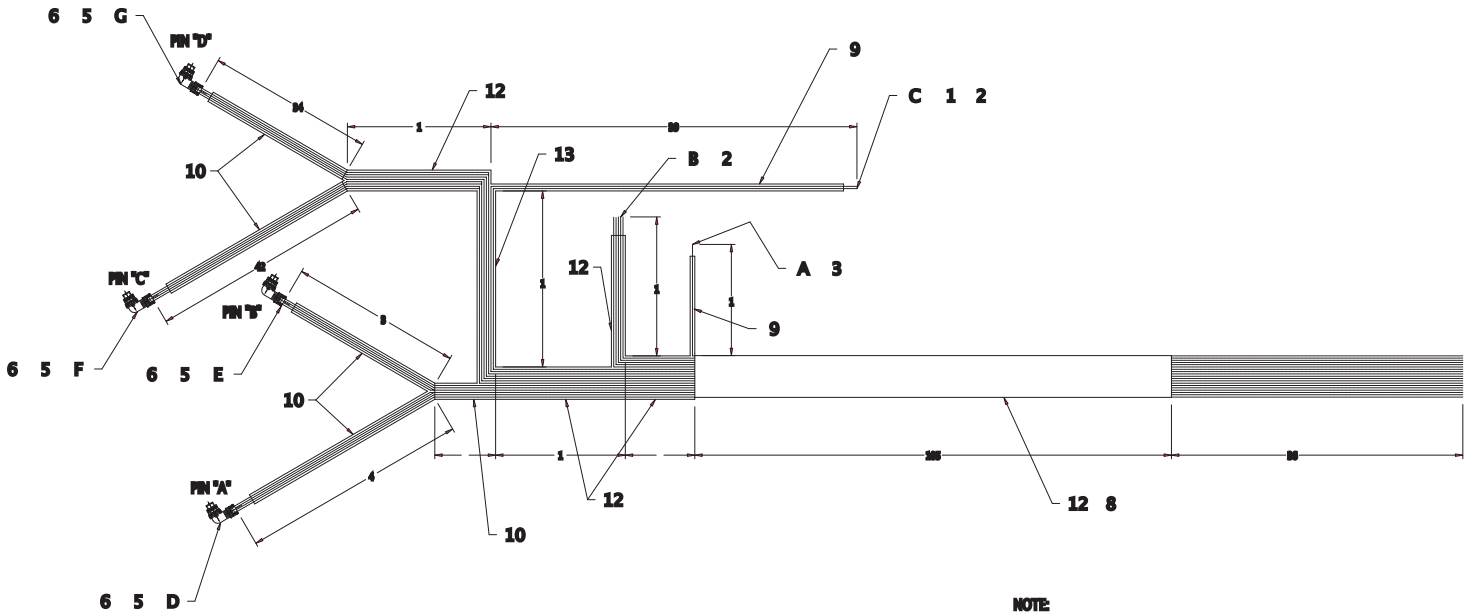
ENGINE WIRE HARNESS (JOHN DEERE ENGINE)
(149636-01)

PIN"D"LAY-OUT

PIN	COLOR	WIRE#
A	RED	51
B	BLACK	GND
C	BLACK	GND
D	RED/BLACK	51-1

PIN"C"LAY-OUT

PIN	COLOR	WIRE#
A	RED/WHITE	32
B	RED/WHITE	EXTRA
C	BLACK/WHITE	EXTRA
D	BLACK/WHITE	33



NOTE:

(1) BLACK WIRE (A1 10 AWG) IS A JUMPER WIRE SOLDER TO GREEN WIRE (A2 10 AWG)

(2) BLUE/WHITE WIRE IN WIRE HARNESS IS TERMINATED AT 2A WIRE# 26. THE REMAINING WIRE BECOME WIRE# 48 AT A2 AND IS TERMINATED AT 4A

PIN"A"LAY-OUT

PIN	COLOR	WIRE#
A	GREEN/BLACK	52
B	WHITE/BLACK	GND
C	WHITE/BLACK	GND
D	BLUE/BLACK	52-1

PIN"B"LAY-OUT

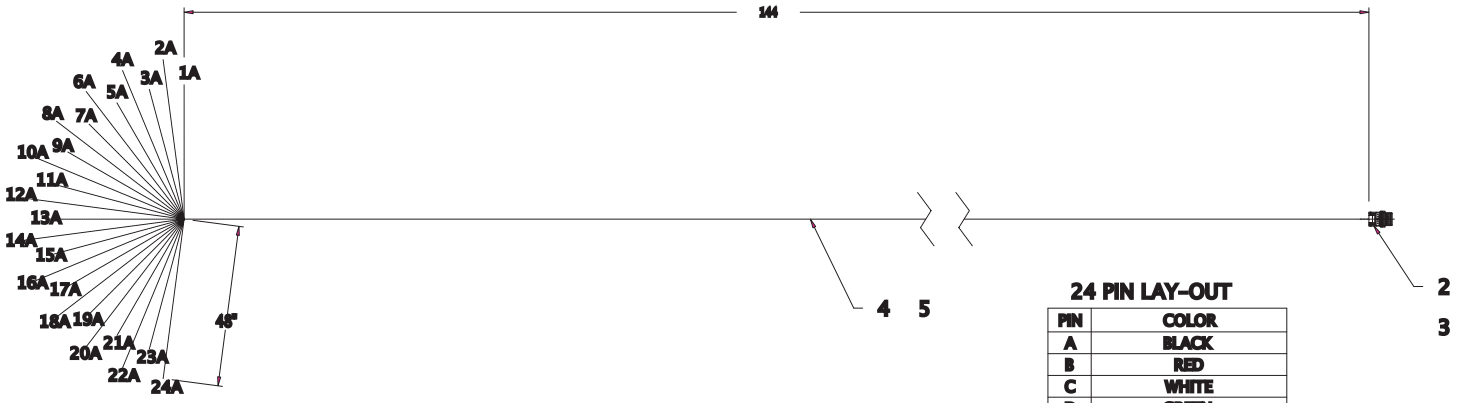
PIN	COLOR	WIRE#
A	ORANGE/BLACK	15-1
B	BLUE	GND
C	BLUE	GND
D	ORANGE	15

KEY	COLOR	WIRE #	QTY	PART #	CONNECTOR TYPE	FUNCTION
A	GREEN/WHITE	42	1	52209	ELEC * 1 PIN FEMALE PLUG CONN	TACH PULSE
B	WHITE	44	1	93253	WIRE * TERMINAL RING 16GA.	PRESSURE SWITCH
	GREEN	26	1	93253	WIRE * TERMINAL RING 16GA.	HOUR METER
	BLUE/WHITE	26	1	93253	WIRE * TERMINAL RING 16GA.	HOUR METER
	BLUE/WHITE	48	1	93253	WIRE * TERMINAL RING 16GA.	HOUR METER
	ORANGE/RED	44S	1	93253	WIRE * TERMINAL RING 16GA.	OIL PRESSURE
C	BLUE/RED	106-S	1	93253	WIRE * TERMINAL RING 16GA.	WATER TEMP SENDING UNIT
	BLUE/WHITE	48	1	97795	TERMINAL ~ FEMALE 16-14 AWG	HOUR METER
D	WHITE/BLACK	GND	1			
	GREEN/BLACK	52	1	92756-04	ELEC * 4-PIN CONNECTOR	C3
	BLUE/BLACK	52-1	1	86465-04	ELEC * CABLE CLAMP-5 PIN	EXTRA BLACK/WHITE WIRE
	WHITE/BLACK	GND				IS 11"LONG & SOILDER TO
E	ORANGE	15	1			OTHER BLACK/WHITE WIRE
	BLUE	GND	1	92756-04	ELEC * 4-PIN CONNECTOR	C2
	ORANGE/BLACK	15-1	1	86465-04	ELEC * CABLE CLAMP-5 PIN	EXTRA BLUE WIRE
	BLUE	GND				IS 11"LONG & SOILDER TO
F	RED/WHITE	32	1			OTHER BLUE WIRE
	RED/WHITE	EXTRA	1	92756-04	ELEC * 4-PIN CONNECTOR	TRAVEL
	BLACK/WHITE	33	1	86465-04	ELEC * CABLE CLAMP-5 PIN	EXTRA RED/WHITE & BLACK/WHITE
	BLACK/WHITE	EXTRA	1			WIRE IS 11"LONG & SOILDER TO
G	RED/BLACK	51-1	1			EACH OTHER
	RED	51	1	92756-04	ELEC * 4-PIN CONNECTOR	C1
	BLACK	GND	1	86465-04	ELEC * CABLE CLAMP-5 PIN	EXTRA BLACK WIRE
	BLACK	GND				IS 11"LONG & SOILDER TO
						OTHER BLACK WIRE

ENGINE WIRE HARNESS (JOHN DEERE ENGINE)
(149636-01)

QTY	ITEM	IDENT	DESCRIPTION
1	1	97735	TERMINAL ~ FEMALE 16-14 AWG
6	2	93253	WIRE TERMINAL ~ RING 16 AWG
1	3	52Z09	TACK PLUG
2	4	83650-04	INSULATED FORK TERMINAL
4	5	92756-04	4 PIN 90∞
4	6	86465-04	CLAMP
238"	7	84320-04	19 CONDUCTOR ~ 16 GAUGE WIRE
51"	8	95021	SPLIT LOOM ~ 1/4"
184"	9	95020	SPLIT LOOM ~ 1/2"
36"	10	123097	SPLIT LOOM ~ 5/8"
19'	11	35Z65	SPLIT LOOM ~ 3/4"
127"	12	98298	SPLIT LOOM ~ 1"

WIRE HARNESS CABLE 4-1
(149635-01)



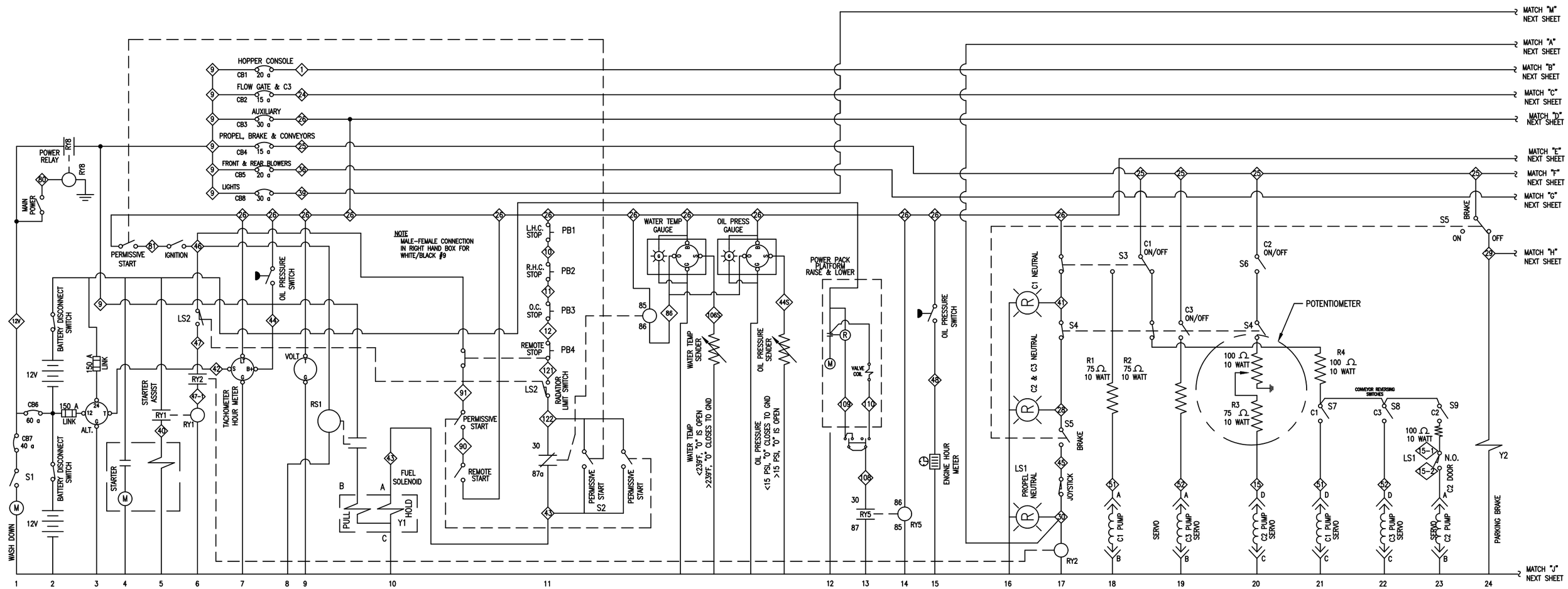
24 PIN LAY-OUT

PIN	COLOR
A	BLACK
B	RED
C	WHITE
D	GREEN
E	BLUE
F	ORANGE
G	BLACK/WHITE
H	RED/BLACK
J	WHITE/BLACK
K	GREEN/BLACK
L	RED/WHITE
M	GREEN/WHITE/BLACK
N	ORANGE/RED
P	BLACK/RED
Q	BLUE/RED
R	WHITE/RED
S	RED/GREEN
T	ORANGE/GREEN
U	RED/WHITE/BLACK
V	BLUE/BLACK
W	ORANGE/BLACK
X	BLUE/WHITE
Y	GREEN/WHITE
Z	RED/BLACK/WHITE

KEY	COLOR	WIRE #	QTY	PART #	CONNECTOR TYPE	FUNCTION
1A	ORANGE/BLACK	51	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	DUMP HOPPER
2A	BLACK/RED	109	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
3A	ORANGE/RED	38-1	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
4A	BLUE	34	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	DUMP HOPPER
5A	ORANGE	3	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	DUMP HOPPER
6A	WHITE/BLACK	56	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	E-STOP
7A	GREEN/BLACK	4	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	E-STOP
8A	WHITE	32	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	TRUCK HITCH
9A	GREEN	33	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	TRUCK HITCH
10A	BLACK	30	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	POWER
11A	RED	31	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	VIBRATOR
12A	BLUE/BLACK	52	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
13A	RED/BLACK	26	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C1 LIFT
14A	BLACK/WHITE	41	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	C1 LIFT
15A	BLUE/WHITE	51-1	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
16A	GREEN/WHITE	51-2	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
17A	RED/WHITE	52-1	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	HORN
18A	WHITE/RED	37-1	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
19A	BLUE/RED	36	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
20A	GREEN/WHITE BLACK	108	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
21A	RED/GREEN	57	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
22A	ORANGE/GREEN	62	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
23A	WHITE/RED/BLACK	55	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	
24A	RED/BLACK/WHITE	63	1	28Y52	TERMINAL ~ FEMALE NON INSULATE	

WIRE HARNESS CABLE 4-1
(149635-01)

QTY	ITEM	IDENT	DESCRIPTION
24	1	28Y52	TERMINAL ~ FEMALE NON INSULATE
1	2	86450-04	24 PIN PLUG
1	3	86451-04	24 PIN CLAMP
144"	4	86624-03	25 CONDUCTOR ~ 16 GAUGE WIRE
144"	5	98298	SPLIT LOOM ~ 1"



LEGEND

- = SOLENOID (Y #)
- = NORMALLY OPEN SWITCH (N.O.)
- = LIMIT SWITCH (LS #)
- = PRESSURE SWITCH (PS #)
- = TEMPERATURE SWITCH (TS #)
- = PUSH BUTTON (PB #)
- = NORMALLY CLOSED SWITCH (N.C.)
- = RESISTOR (R #)
- (RY #) = RELAY
- = WHITE LIGHT (L #)
- = ORANGE LIGHT (L #)
- = RED LIGHT (L #)
- = TERMINAL NUMBER
- = WIRE NUMBER OR WIRE CONNECTION
- = BATTERY
- = CIRCUIT BREAKER (CB #)
- = DIODE (D #)
- INTLK = INTERLOCK
- = GROUND
- FRT = FRONT
- ELEV = ELEVATION
- (P #) = PLUG
- — — = OPTIONAL ITEMS (EXCEPT SWITCH BORDERS, RELAYS, LIMIT SWITCHES, JUMPERS)
- = PUMP COIL
- = TEMP. SENDING UNIT

THIS DWG REPLACES 148895-01
ECN 1150

all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

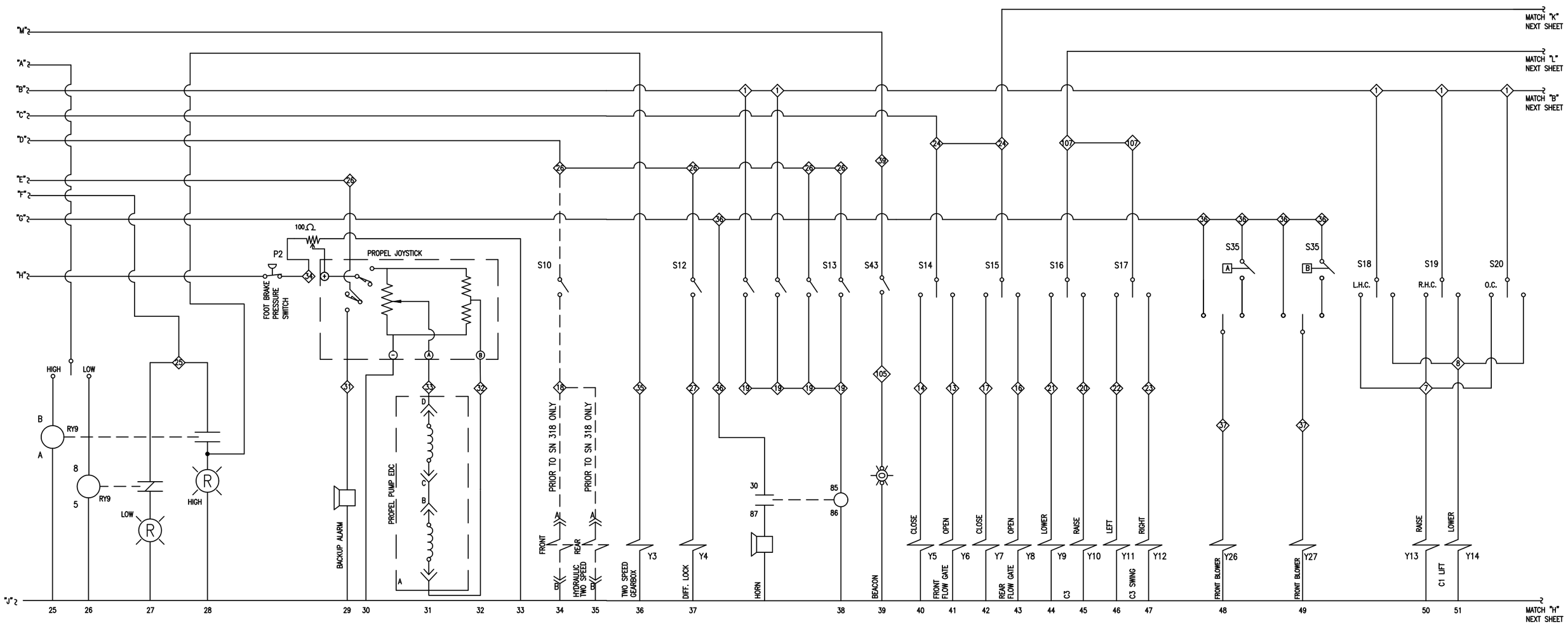
ROADTEC

PART NAME: ELECTRICAL SCHEMATIC

1 REQ'D PER SB2500B | SHEET NO 1 OF 3 | FAB CODE 603 | EFFECTIVE S/N 622

DRAWN BY JHB | CHECKED BY | DWG NO 149624-01 | REV. 0

SCALE 1=1 | DATE 11-19-01



all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

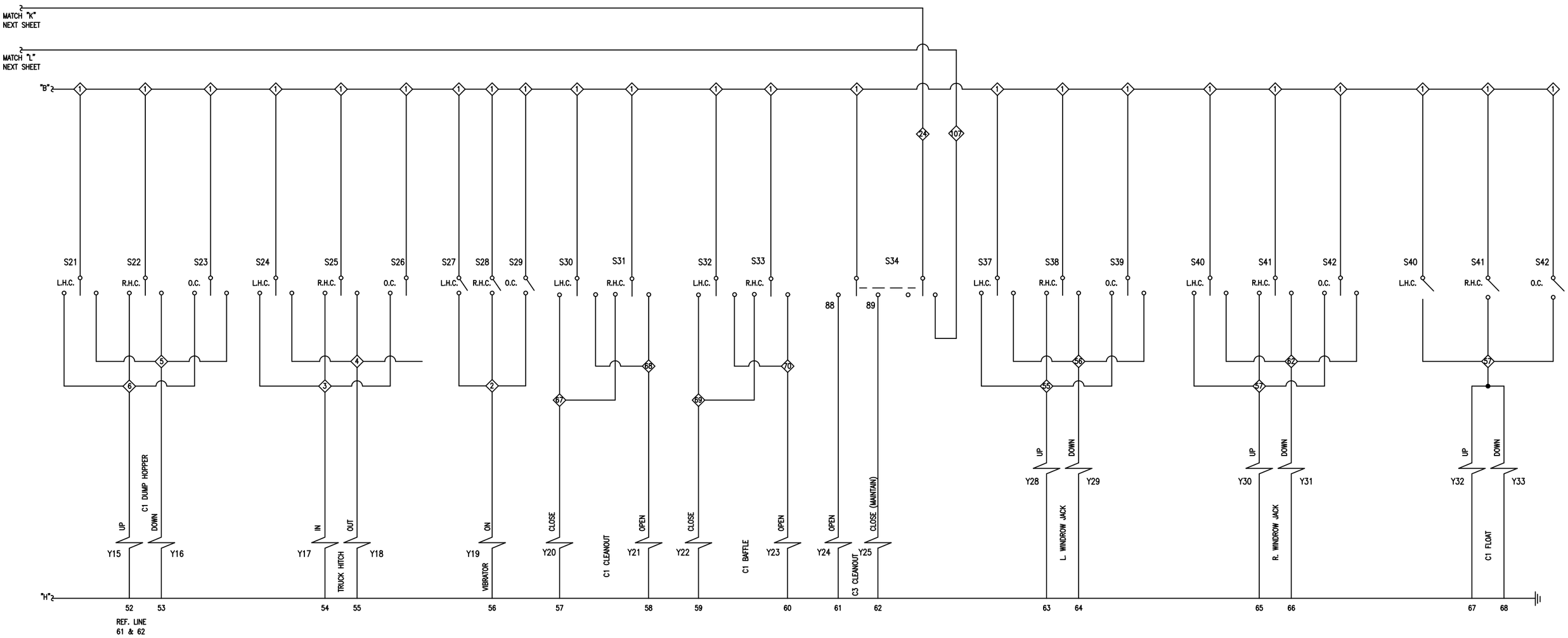
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PART NAME: ELECTRICAL SCHEMATIC

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DRAWN BY JHB | CHECKED BY | DWG NO 149624-01 | REV. 0

SCALE 1=1 | DATE 11-19-01



all fractional dim's ± 1/32" – all decimal dim's ± .005 unless noted

REV.	E.C.N.	DATE	REVISIONS	CH'G. BY	APPR. BY

ROADTEC

PART NAME: ELECTRICAL SCHEMATIC

1 REQ'D PER SB2500B | SHEET NO 3 OF 3 | FAB CODE 603 | EFFECTIVE S/N 622

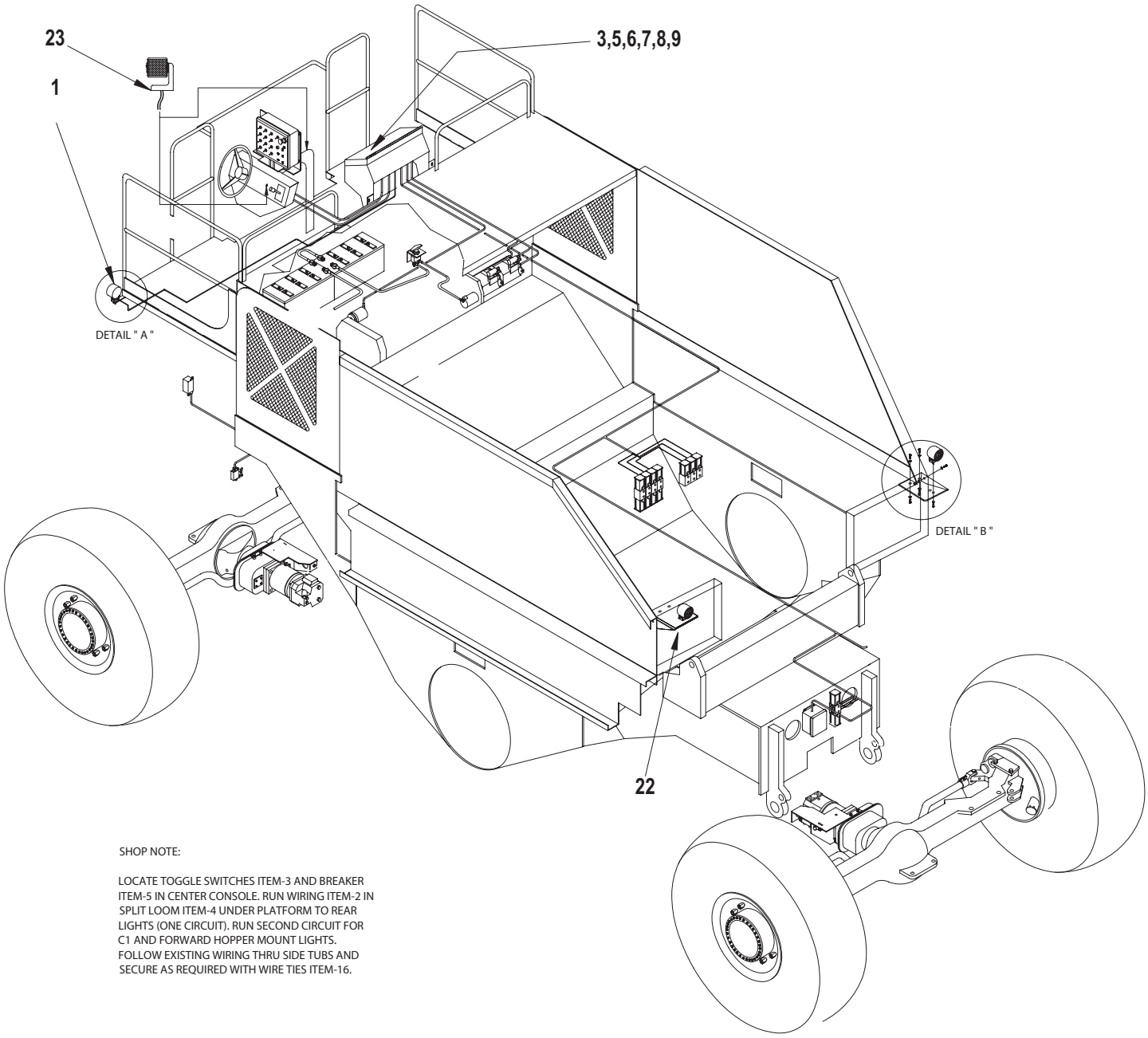
DRAWN BY JHB | CHECKED BY

SCALE 1=1 | DATE 11-19-01 | DWG NO 149624-01 | REV. 0

SECTION 6 : OPTIONAL EQUIPMENT

ASSEMBLY	PART NO.	S/N	PAGE NO.
12 VDC. WORKING LIGHTS	142714-01	448 & UP	6.1
12 V. WARNING BEACON	142678-01		6.5
120 V. LIGHT KIT	149492-01		6.8
ADJ. TRUCK HITCH	138901-01		6.10
DUMP HOPPER CASTERS	148519-01		6.13
HYDRAULIC GENERATOR	136029-01	389 & UP	6.16
WINDROW	143384-01	128 & UP	6.18
WINDROW SCRAPER BLADE	140278-01		6.20
WINDROW PIVOT	144789-01	592 & UP	6.22
PAINT & MARKINGS (PEND.)	142653-04		6.24
WINDROW HYDRAULICS	143706-01		6.26
GENSET OUTLET EXT'N	148267-01		6.32

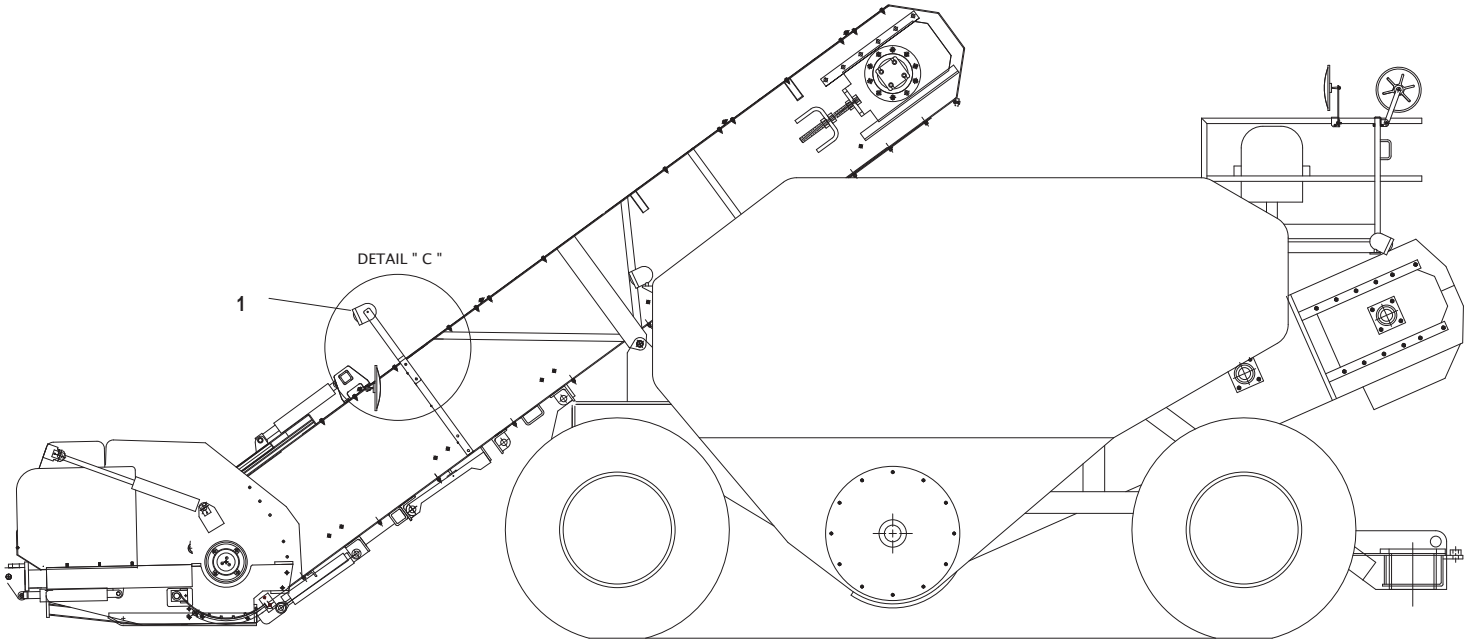
12 VDC WORKING LIGHTS KIT
(142714-01)



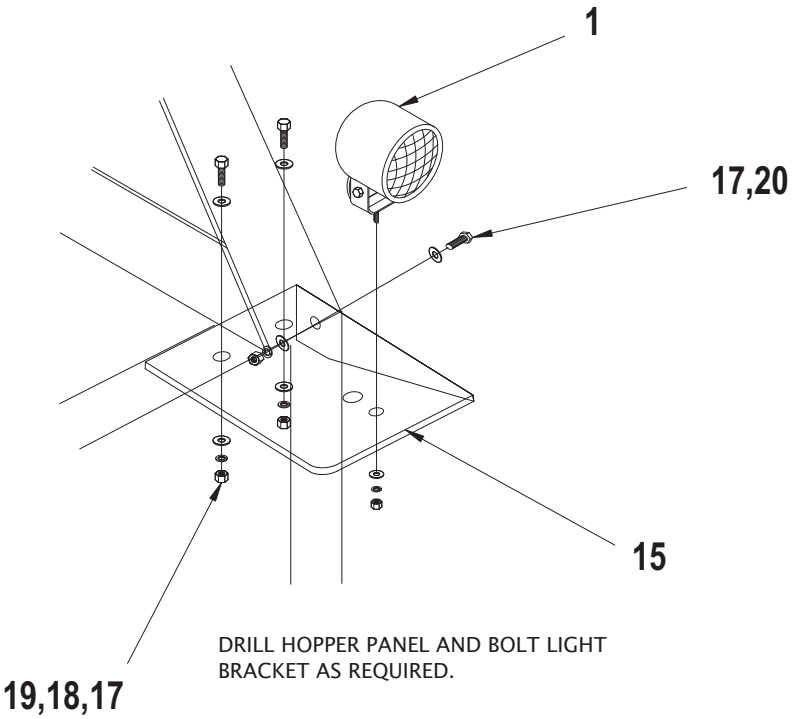
SHOP NOTE:

LOCATE TOGGLE SWITCHES ITEM-3 AND BREAKER ITEM-5 IN CENTER CONSOLE. RUN WIRING ITEM-2 IN SPLIT LOOM ITEM-4 UNDER PLATFORM TO REAR LIGHTS (ONE CIRCUIT). RUN SECOND CIRCUIT FOR C1 AND FORWARD HOPPER MOUNT LIGHTS. FOLLOW EXISTING WIRING THRU SIDE TUBS AND SECURE AS REQUIRED WITH WIRE TIES ITEM-16.

12 VDC WORKING LIGHTS KIT
(142714-01)

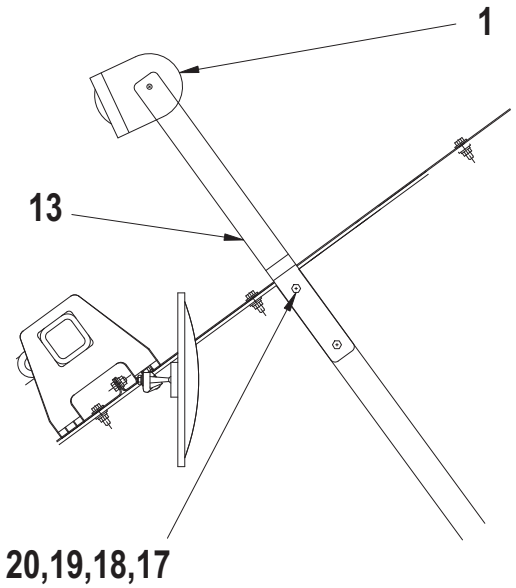


12 VDC WORKING LIGHTS KIT
(142714-01)



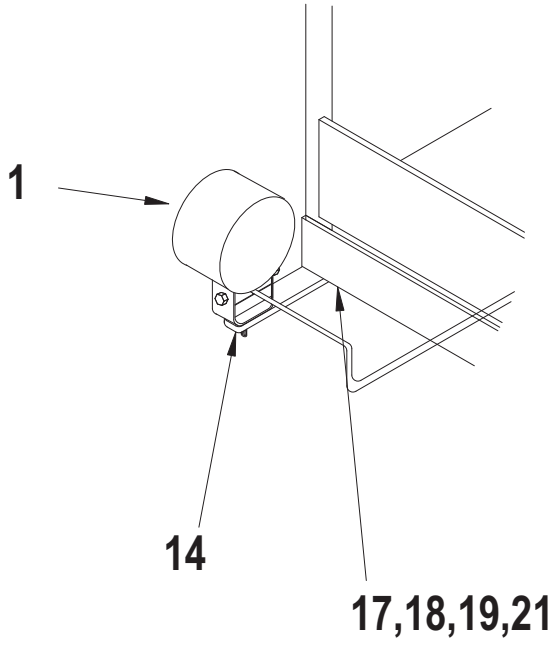
DRILL HOPPER PANEL AND BOLT LIGHT BRACKET AS REQUIRED.

DETAIL "B"



DETAIL "C"

DRILL AND BOLT ITEM-14 TO 2 X 2 SQ. TUBE UNDER PLATFORM REAR EDGE. (TACK WELDING OF BRACKET IS PERMISSABLE).

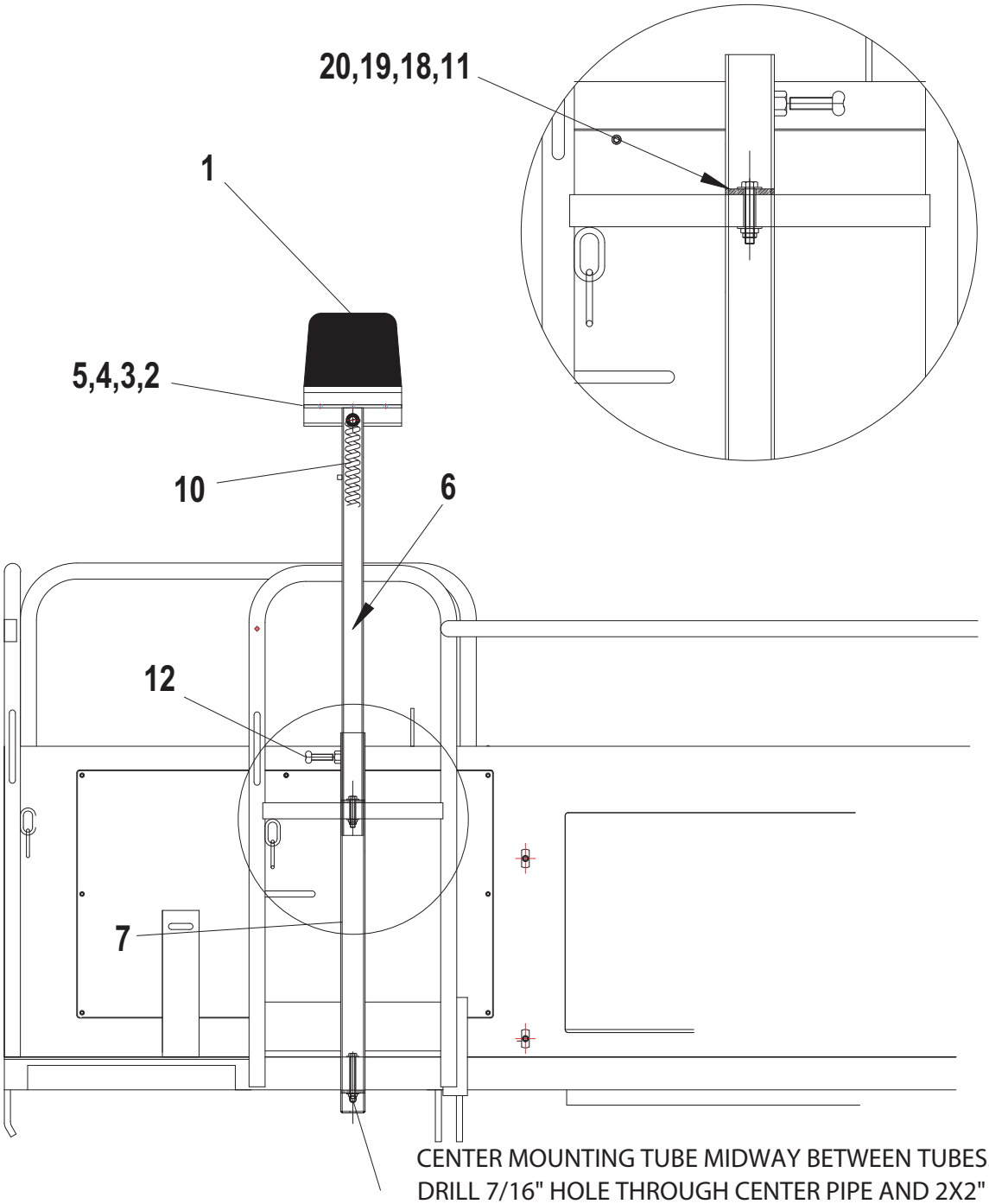


DETAIL "A"

12 VDC WORKING LIGHTS KIT
(142714-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	89801-04	HELLA LAMP 12 VDC	6
2	87856-04	WIRE 12 GA.	720
3	13E68	TOGGLE SWITCH	2
4	95021	SPLIT LOOM 1/4" PLASTIC	720
5	92523-04	CIRCUIT BREAKER 30 AMP	2
6	91207-04	SCREW, SLOT HD. 10 - 32 X 1 1/4"	4
7	90102	NUT, HEX 10 - 32 UNC	4
8	90103	LOCKWASHER # 10	4
9	92552	FLAT WASHER # 10	4
10	121539	MALE CONNECTOR	4
11	121396	FEMALE CONNECTOR	2
12	93253	TERMINAL RING 16 GA. # 10	4
13	140776-03	LIGHT BRKT. (C-1 MOUNTING)	2
14	140777-04	REAR LIGHT BRKT. (PLATFORM)	2
15	142697-02L	L.H. FRONT LIGHT MOUNT	1
16	83905-04	WIRE TIE 1/4" X 14" NYLON	50
17	83757	FLAT WASHER 3/8"	24
18	83056	LOCKWASHER 3/8"	6
19	83055	NUT, HEX 3/8 - 16	12
20	96476	BOLT, HEX 3/8 - 16 X 1 1/4"	10
21	121200	BOLT, HEX 3/8 - 16 X 3"	2
22	142697-02R	R.H. FRONT LIGHT MOUNT	1
23	144757-04	12 V. CONSOLE LIGHT	2
24	130771	CLAMP - 1/2 CUSHION TUBE (3/8" BOLT)	16
25	83114	BOLT, HEX 1/4 - 20 X 1/2"	16
26	84444	FLAT WASHER 1/4" STEEL	16
27	83065	LOCKWASHER 1/4" SPRING STEEL	16

12 V. WARNING BEACON KIT ASSEMBLY
(142678-01)

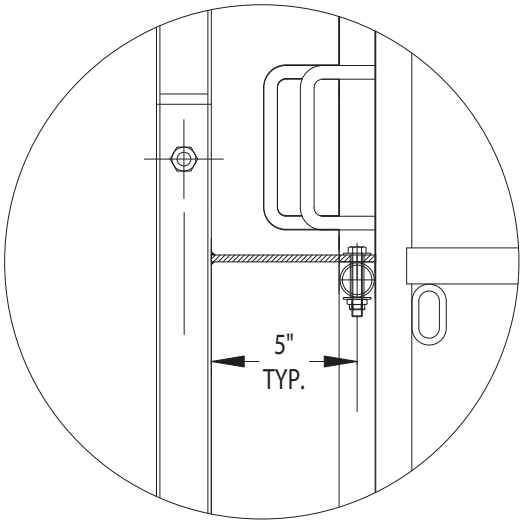


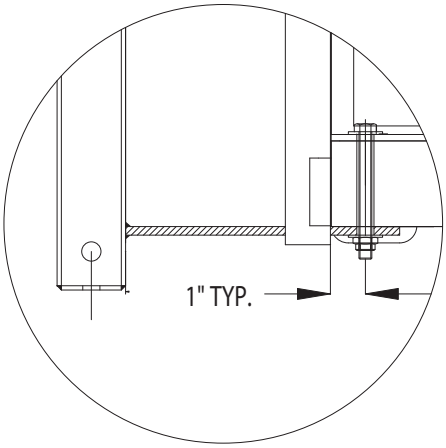
CENTER MOUNTING TUBE MIDWAY BETWEEN TUBES.
DRILL 7/16" HOLE THROUGH CENTER PIPE AND 2X2" SQ. TUBE
ON PLATFORM BOTTOM.

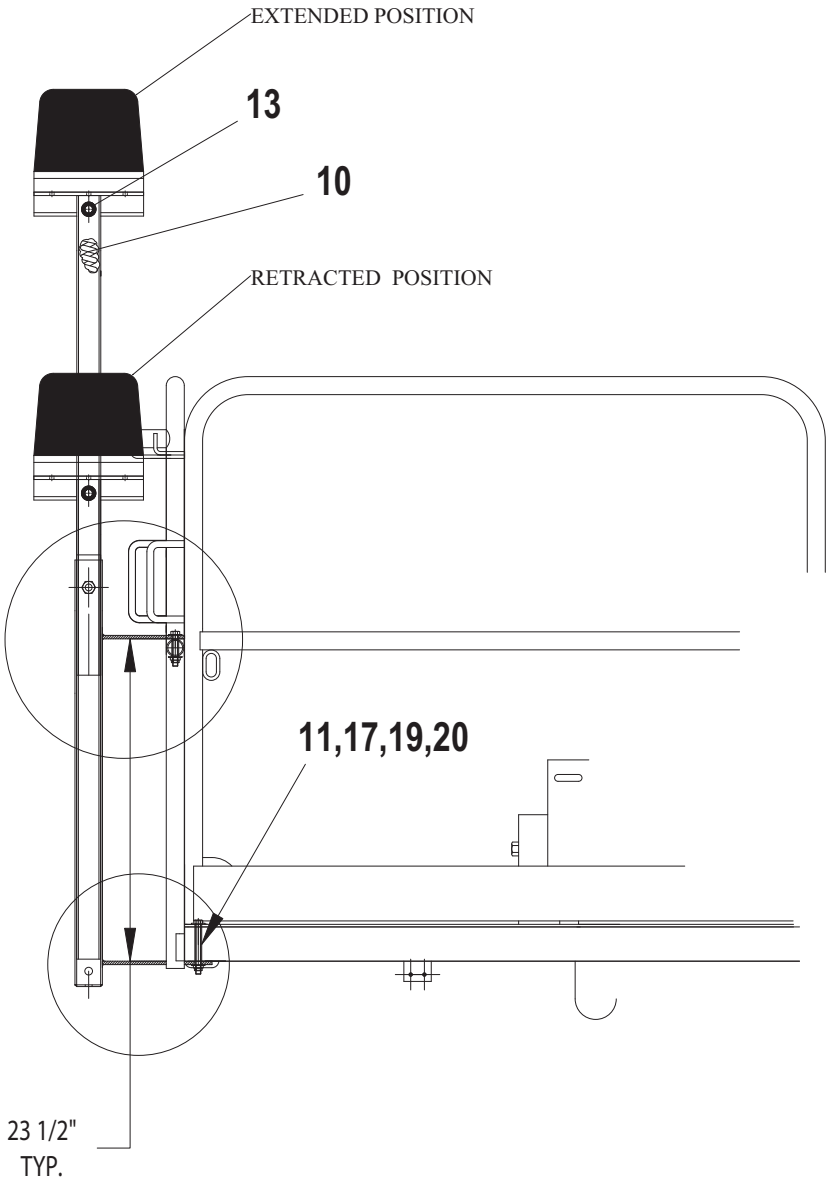
8,9,10,14,15,16,21,22

USE ABOVE ITEMS TO WIRE LIGHT
TO CENTER CONSOLE.

12 V. WARNING BEACON KIT ASSEMBLY
(142678-01)







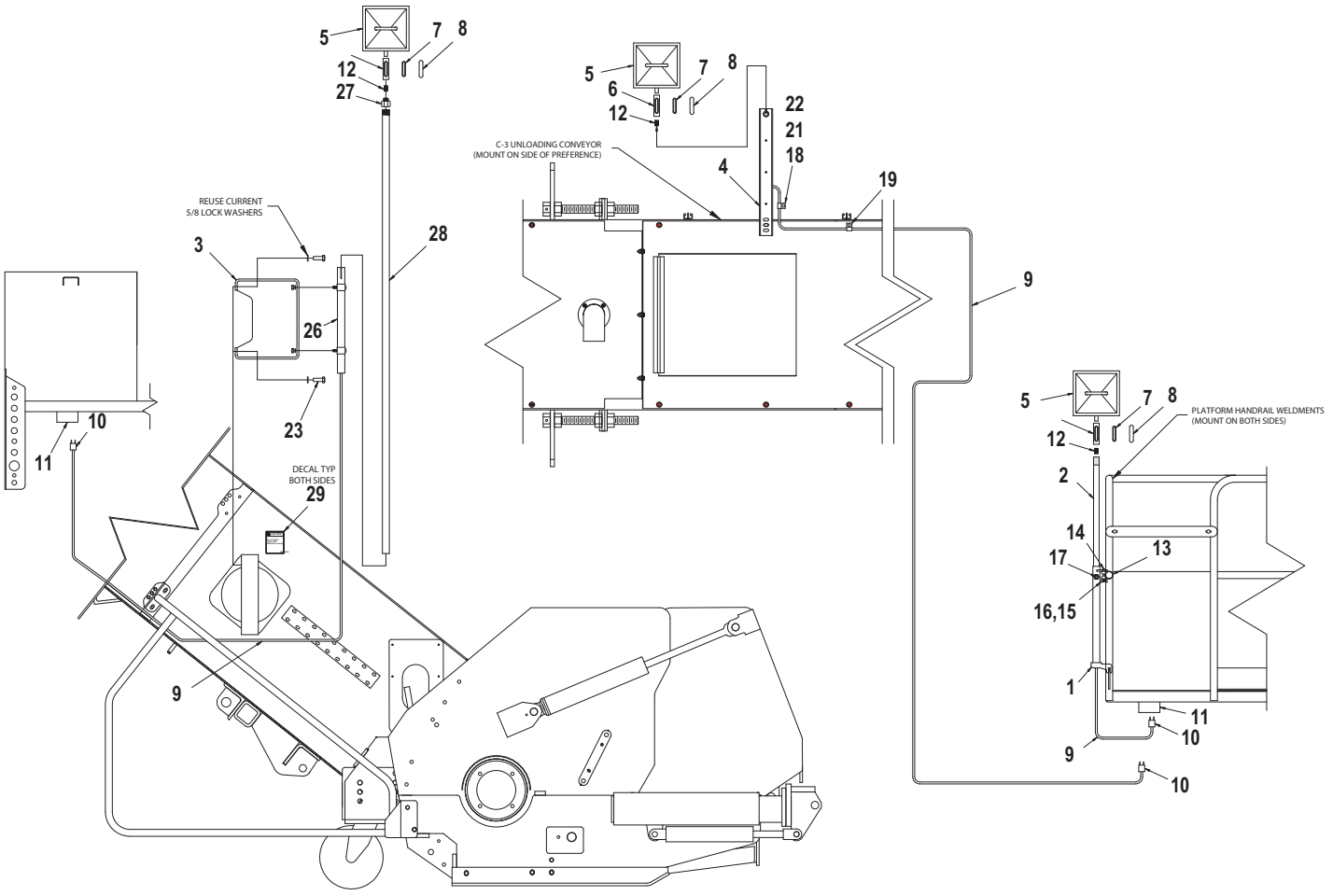
8,9,10,14,15,16,21,22

USE ABOVE ITEMS TO WIRE LIGHT TO CENTER CONSOLE.

12 V. WARNING BEACON KIT ASSEMBLY
(142678-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	90083-04	BEACON LAMP MODEL 100 12 V. DC	1
2	87849	BOLT, HEX 1/4 - 20 X 1 1/2"	4
3	84444	FLAT WASHER 1/4" STEEL	4
4	83065	LOCKWASHER 1/4" SPRING STEEL	4
5	89772	NUT, HEX 1/4 - 20	4
6	131477-03	BEACON MOUNT	1
7	142682-01	BEACON MOUNTING TUBE	1
8	38Z57	TERMINAL 16 - 14 GA M. INSULATED	10
9			
10	98237-04	RETRACTABLE CORD	1
11	83055	NUT, HEX 3/8 - 16	2
12	135982-04	WING BOLT 1/2 - 13 X 1"	1
13	87318-04	GROMMET	3
14	13E68	TOGGLE SWITCH	1
15	84316-04	WIRE - 16/2 ALPHA	240
16	92523-04	CIRCUIT BREAKER 30 AMP.	1
17	121809	BOLT, HEX 3/8 - 16 X 3 1/2"	1
18	95541	BOLT, HEX 3/8 - 16 X 2 1/4"	1
19	83757	FLAT WASHER 3/8"	4
20	83056	LOCKWASHER 3/8"	2
21	95021	SPLIT LOOM - 1/4" PLASTIC	120
22	83905-04	WIRE TIE - 1/4" X 14" NYLON	16

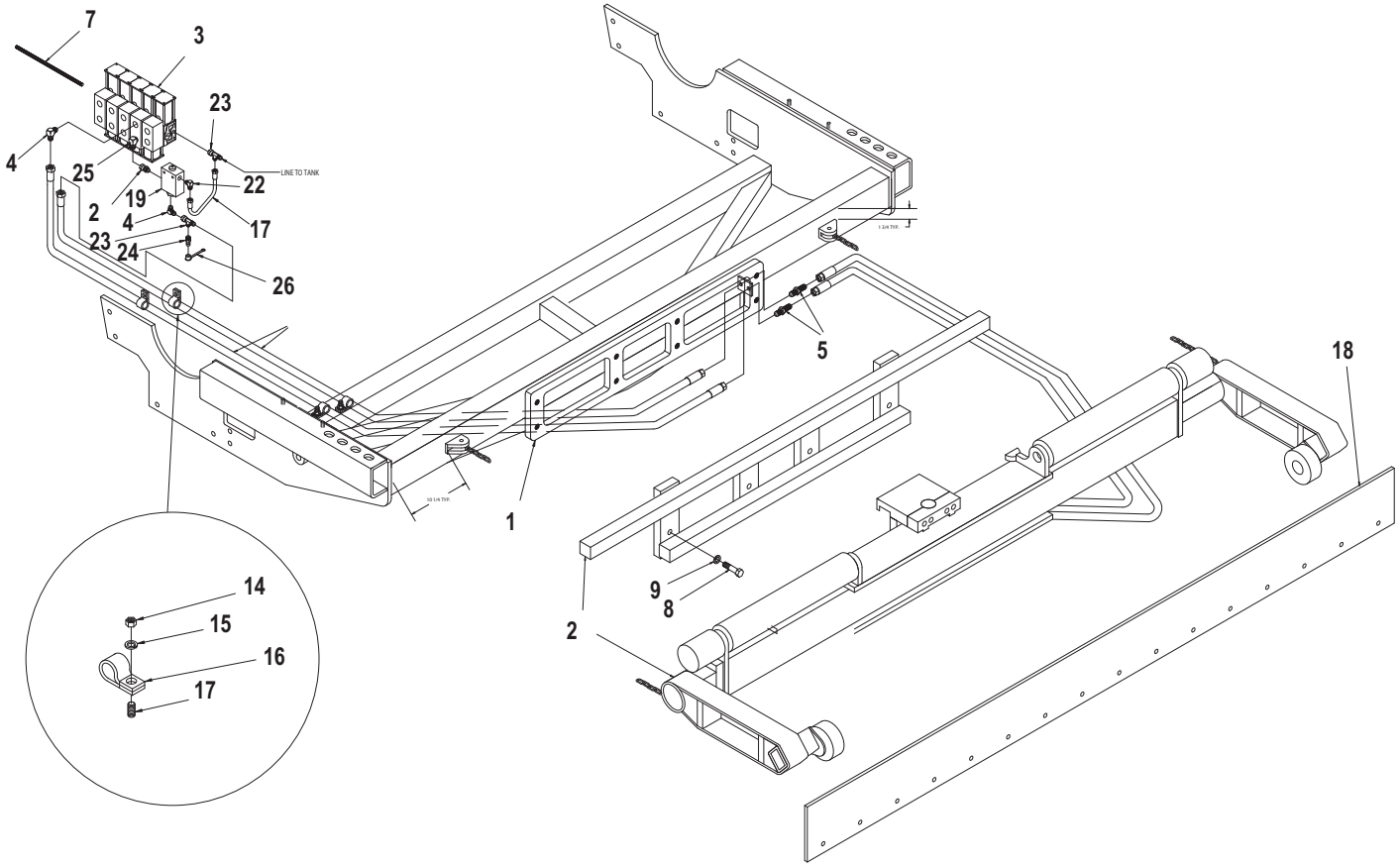
120 V. LIGHT KIT (300/500 WATT WORKING)
(149492-01)



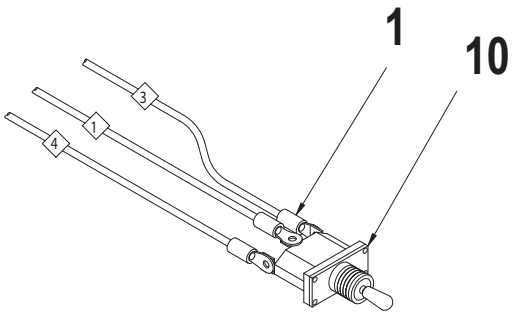
120 V. LIGHT KIT (300/500 WATT WORKING)
(149492-01)

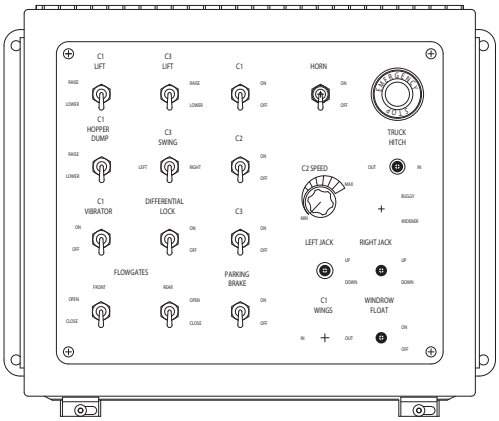
REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	148668-03	PLATFORM LIGHT MOUNT	2
2	148669-04	LIGHT MOUNT TUBE	2
3	149521-03	C-1 LIGHT BRACKET	2
4	148671-03	C-3 LIGHT MOUNT	1
5	132053	LIGHT 300 - 500 WATT QUARTZ FIXTURE	5
6	148661-04	1/2" CONDUIT OUTLET BODY	5
7	148662-04	CONDUIT OUTLET BODY COVER	5
8	148663-04	CONDUIT OUTLET BODY GASKET	5
9	135037	12 / 3 SJ DROP LIGHT CORD X 960"	1
10	133641	15 AMP 120 V. MALE PLUG	5
11	148267-03	GENSET OUTLET EXTENSIONS	1
12	80164	1/2" NPT CLOSE NIPPLE	4
13	87339-C3	1" CLAMP KIT	2
14	87339-C6	CARRIAGE BOLT 3/8 - 16 X 2"	2
15	129097	WING NUT 3/8 - 16	2
16	85148	LOCKWASHER 3/8" SPRING STEEL	2
17	135982-04	BOLT, WING 1/2 - 13 X 1"	2
18	130771	CLAMP - 1/2" CUSHION TUBE X 3/8" BOLT	1
19	95966	CLAMP - 3/4" CUSHION TUBE X 1/2" BOLT	6
20	83857-04	1/8" X 8" WIRE TIE	50
21	86127-04	BOLT, HEX 3/8 - 16 X 3/4"	1
22	83056	LOCKWASHER 3/8" SPRING STEEL	1
23	93122	BOLT, HEX 5/8 - 11 X 2 1/4"	4
24	122933	WIRE NUT (RED)	15
25	144757-04	LIGHT - 12 V. CONSOLE (ROTATING)	2
26	99386	UMBRELLA HOLDING TUBE (INCL. CLAMPS)	2
27	149531	REDUCER - 1" NPT X 1/2" NPT BELL	2
28	149532-04	C-1 LIGHT MOUNT TUBE	2
29	149684-04	DECAL - LIGHTS ADJUST CAUTION	2

ADJ. ROLLER TRUCK HITCH ASSY.
(138901-01)

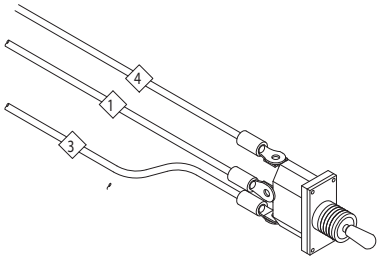


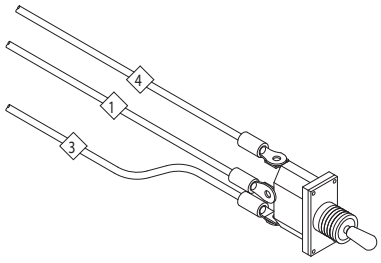
ADJ. ROLLER TRUCK HITCH ASSY.
(138901-01)

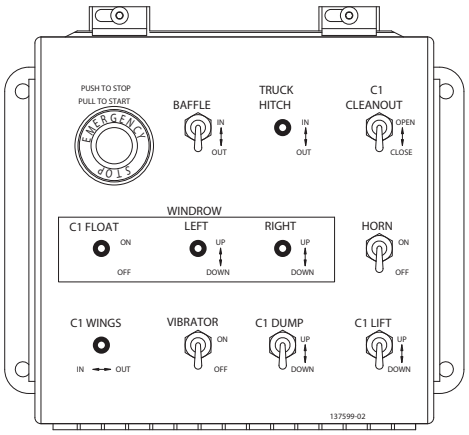




OPERATOR
CONTROL BOX

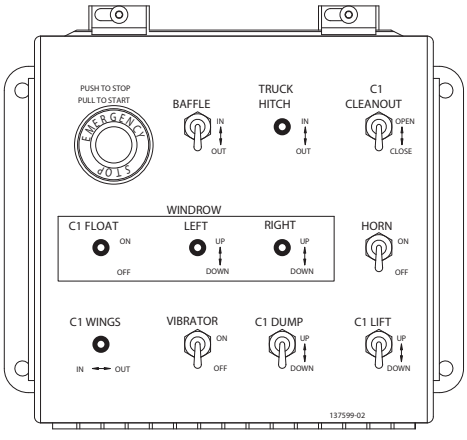






LEFT HAND HOPPER
CONTROL BOX

SCALED UP TO SHOW WIRING DETAIL

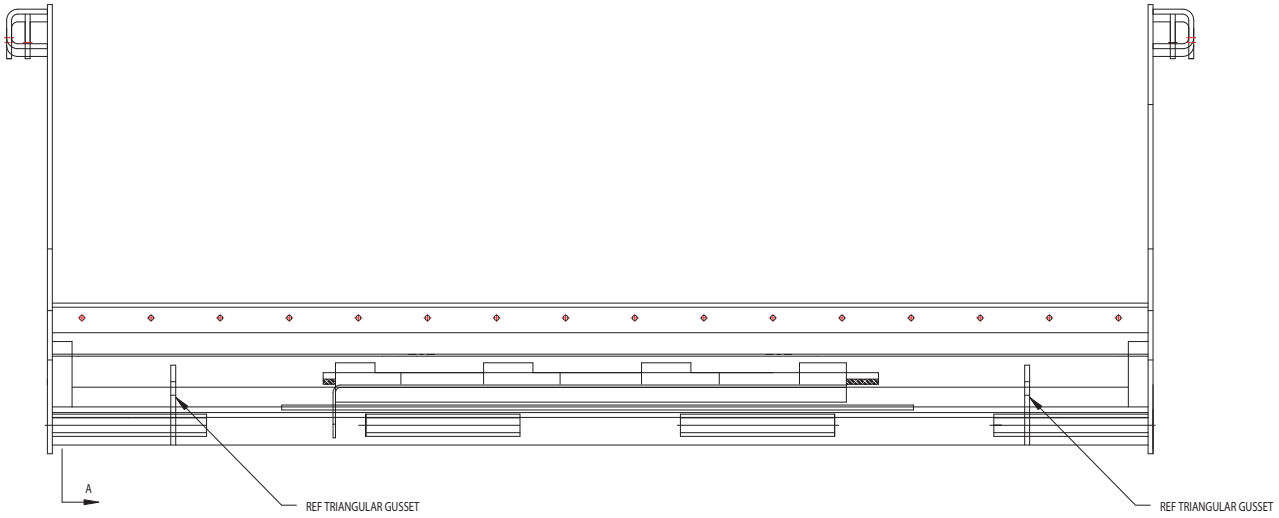


RIGHT HAND HOPPER
CONTROL BOX

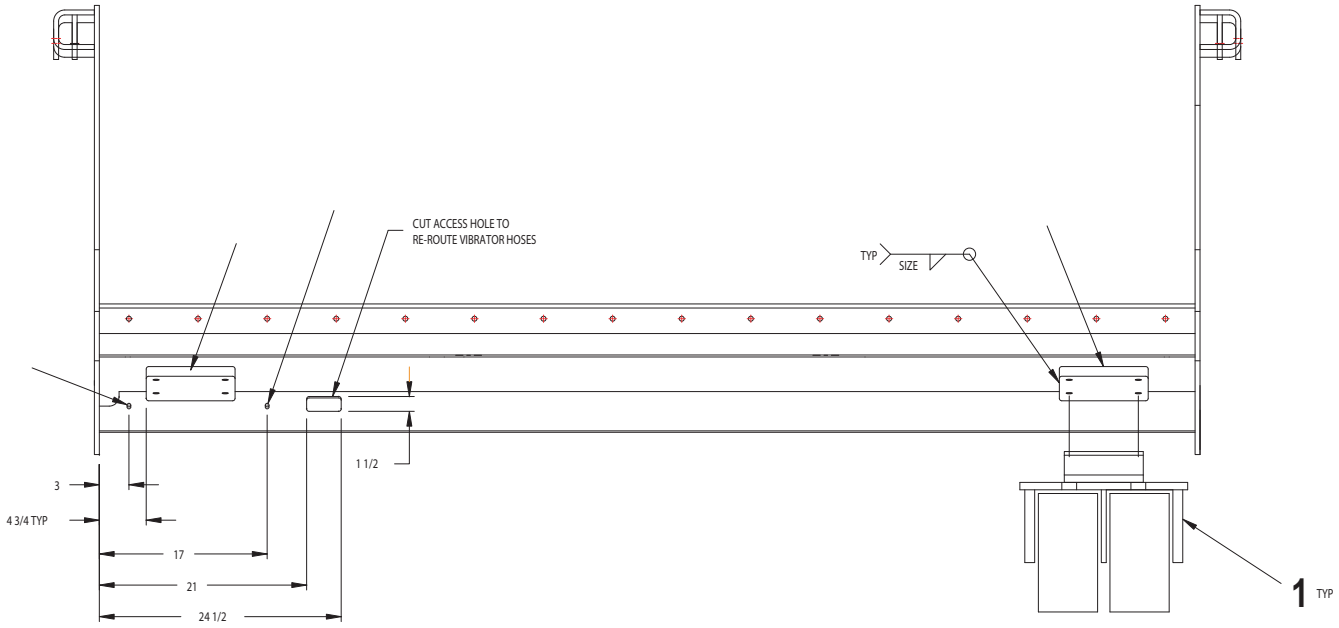
ADJ. ROLLER TRUCK HITCH ASSY.
(138901-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	138900-01	TRUCK HITCH MOUNTING PLATE	1
2	29E85	LAYTON TRUCK HITCH	1
3	97553	SOLENOID VALVE 12 V. (RACINE)	1
4	84426-04	8 SAE X 6 JIC 90	2
5	98585	BULKHEAD FITTING 5 JIC	2
6	130724	HOSE - 1/4" STD. X 180" W/ 4 X 6 ST 4 X 5 ST	2
7	86192	ALLTHREAD - 3/8 - 16 X 12 1/2"	3
8	OO891	BOLT, HEX 3/4 - 10 X 1 3/4"	8
9	83133	LOCKWASHER 3/4" SPRING STEEL	8
10	139471	TOGGLE SWITCH - MOMENTARY SPRING	3
11	90990-04	WIRE - RING POST # 6 - # 16	9
12	93253	WIRE - TERMINAL RING 16 GA. (# 10)	6
13	97920	WIRE - ELECTRICAL 16 GA. X 12"	1
14	83115	NUT, HEX 1/4 - 20	4
15	83065	LOCKWASHER 1/4" SPRING STEEL	4
16	16P29	HOSE CLAMP - 1/2" BOLT	4
17	127116	HOSE - 3/8" STD. X 18" W/ 6 X 6 ST 6 X 6 ST	1
18	142132-02	FLASHING - UHMV FOR C-1 DUMP HOPPER	1
19	136976-04	VALVE - PRESSURE RED. / RELIEVING	1
20	83459-04	CONNECTOR - 8 SAE X 8 JIC M.	1
21	122168	SWIVEL - 8 SAE M. X 8 JIC FM.	1
22	83734-04	CONNECTOR - 6 SAE X 6 JIC 90	1
23	84636-04	6 JIC SWIVEL RUN TEE	2
24	131680-04	6 JIC TEST PORT	1
25	83460-04	CONNECTOR - 8 SAE X 8 JIC 90	1
26	85949-04	6 JIC TEST PORT CAP	1

DUMP HOPPER CASTER KIT
(148519-01)



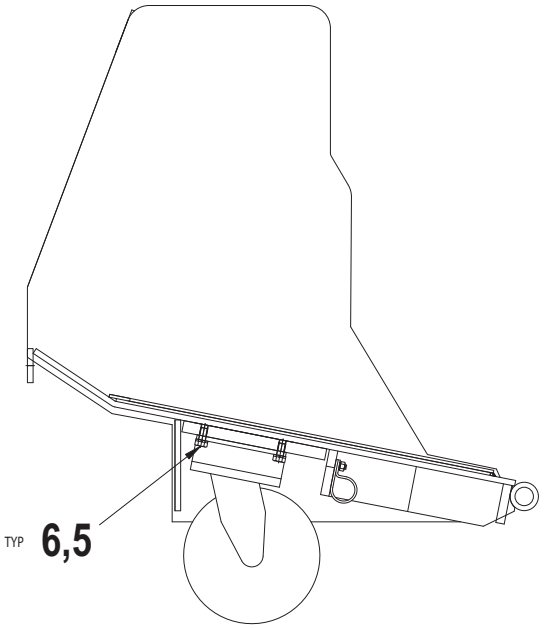
EXISTING DUMP HOPPER

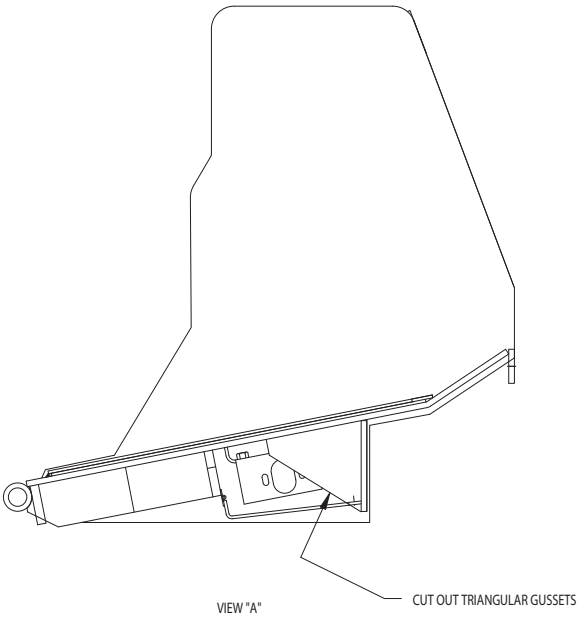


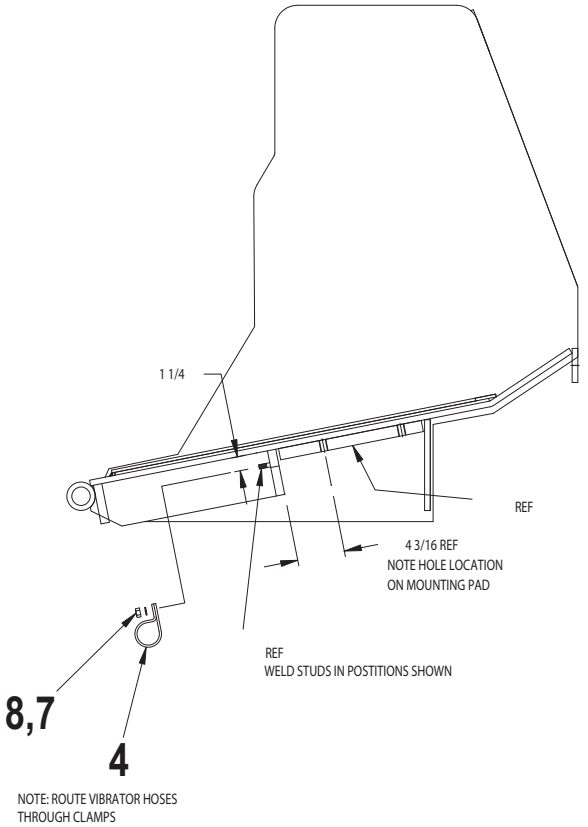
MODIFIED DUMP HOPPER

NOTE: VIBRATOR BRACKET NOT SHOWN FOR CLARITY

DUMP HOPPER CASTER KIT
(148519-01)



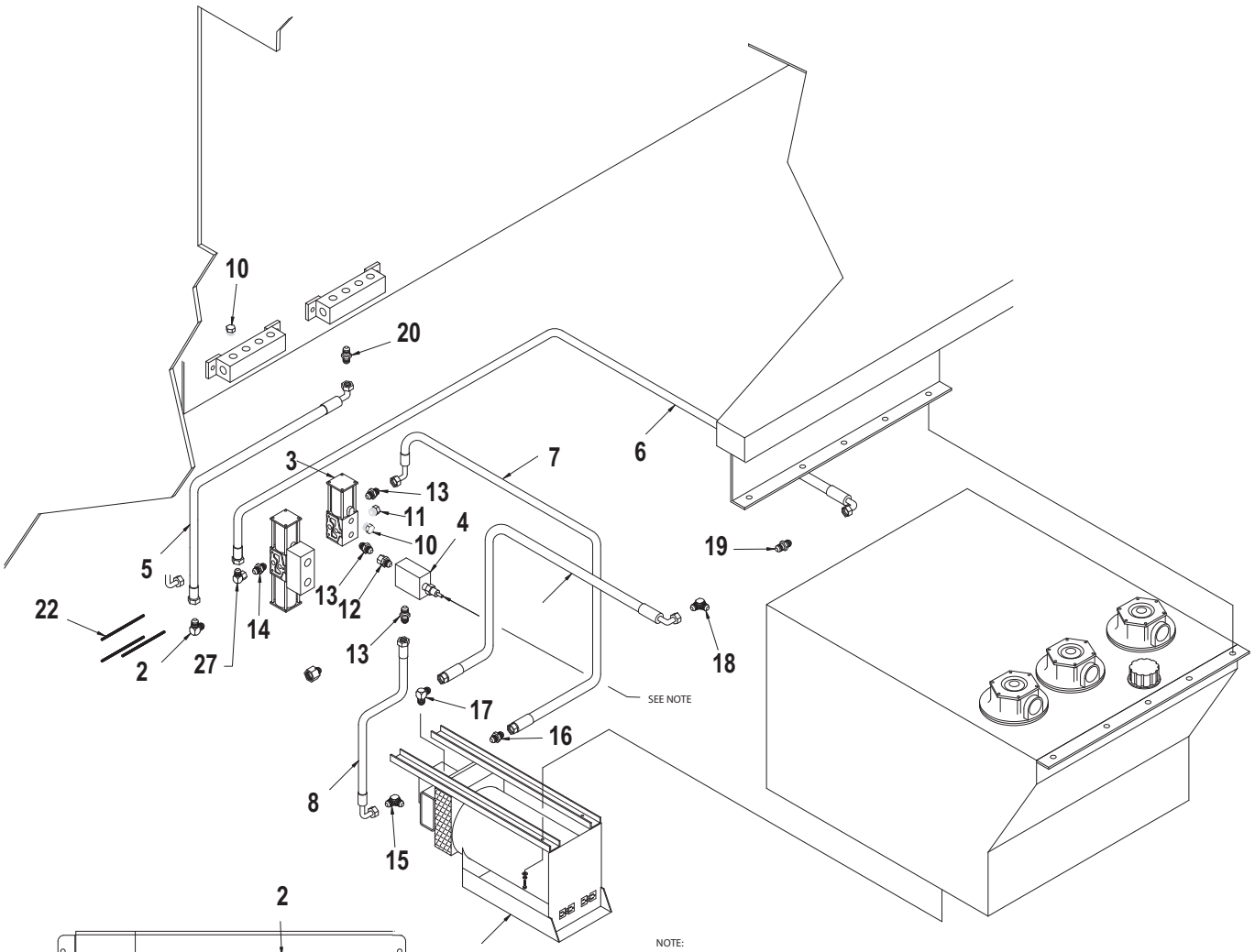




DUMP HOPPER CASTER KIT
(148519-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	148521-01	SWIVEL CASTER MODIFICATION	2
2	148482-03	CASTER MOUNTING PAD	2
3	92932	WELD STUD 3/8 - 16 X 1 1/8"	2
4	16P29	CLAMP	2
5	95301	BOLT, HEX 5/8 - 11 X 1 1/4"	8
6	84717	LOCKWASHER 5/8"	8
7	83055	NUT, HEX 3/8 - 16	2
8	83056	LOCKWASHER 3/8"	2

HYDRAULIC GENERATOR ASSEMBLY
(136029-01)

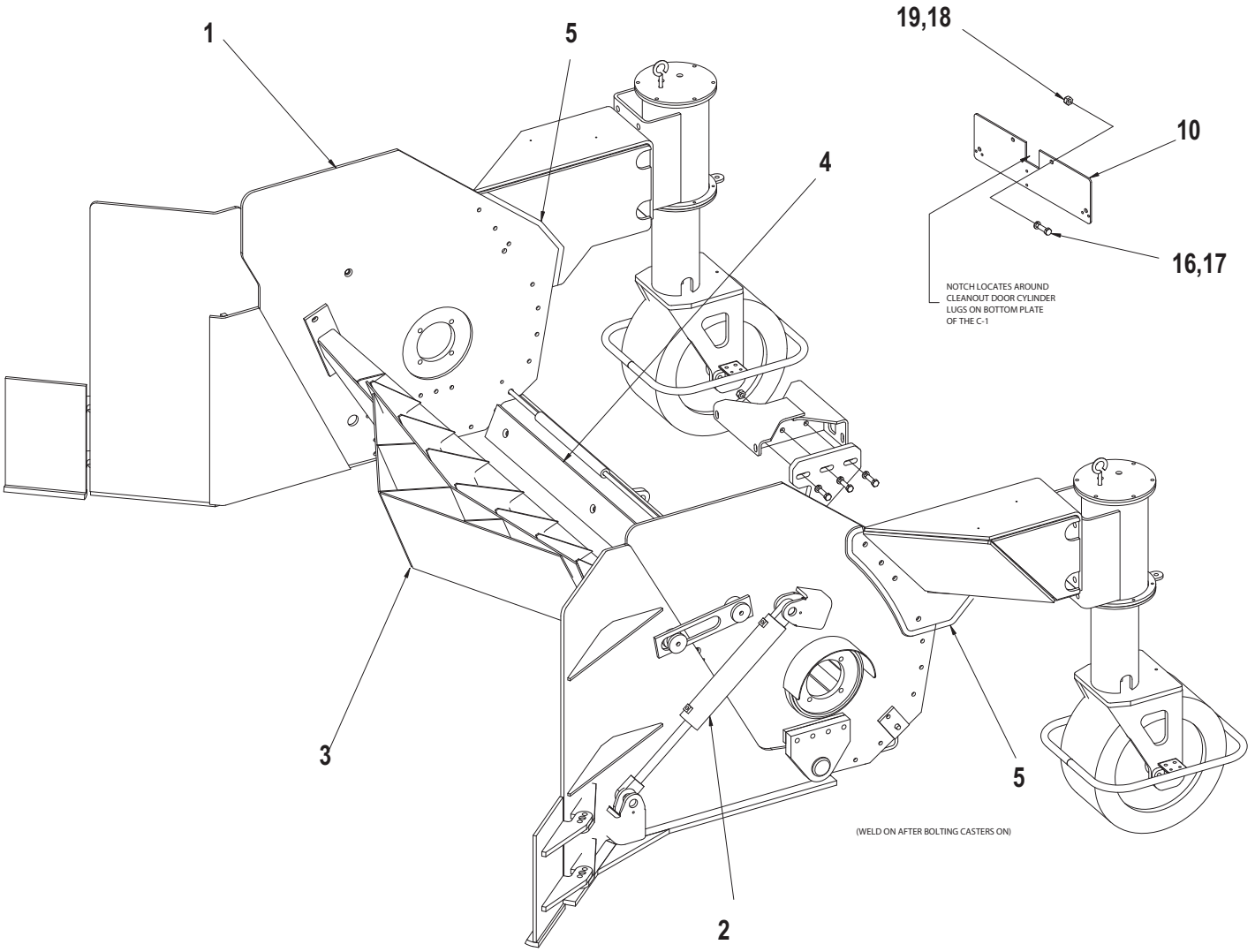


NOTE:
ADJUST FLOW CONTROL FOR 3600 RPM GEN SET SPEED OR 60 HZ OUTPUT FREQUENCY. TURN SCREW CLOCKWISE TO DECREASE FLOW AND SLOW THE GEN SET.

HYDRAULIC GENERATOR ASSEMBLY
(136029-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	135308-04	GENSET SET / 4 KW 120VAC W/O FLOW CONTROL	1
2	138922-03	GENSET MOUNTING BRKT.	1
3	122288-04	VALVE - SOLENOID STACK 4 - WAY 2 POS.	1
4	133337-04	FLOW CNTL. PRESSURE COMP.	1
5	99655	3/8 C2AT X 27" W/ 6 X 6 ST 6 X 6 90	1
6	134043	3/4 M3K X 77" W/ 12 X 12 ST 12 X 12 90	1
7	99662	1/2 C2AT X 80" W/ 8 X 8 ST 8 X 8 90	1
8	99662	1/2 C2AT X 80" W/ 8 X 8 ST 8 X 8 90	1
9	121245	1/4 C2AT X 26" W/ 4 X 4 ST 4 X 6 90	1
10	83767-04	8 SAE PLUG	2
11	84635-04	6 SAE PLUG	1
12	122168	8 SAE X 8 JIC SWIVEL ST.	1
13	83459-04	8 SAE X 8 JIC ST.	3
14	83458-04	8 SAE X 12 JIC ST.	1
15	123831	10 SAE X 8 JIC 90	1
16	83704-04	10 SAE X 8 JIC ST.	1
17	83743-04	4 SAE X 4 JIC 90	1
18	120672	3/4 NPT X 6 JIC 90	1
19	84002-04	3/4 NPT X 12 JIC ST.	1
20	83469-04	8 SAE X 6 JIC ST.	1
21	83734-04	6 SAE X 6 JIC 90	1
22	OO613	ALL-THREAD 3/8 - 16 X 5 3/4" LG.	3
23	83055	HEX NUT 3/8 - 16	6
24	15C82	BOLT , HEX 5/16 - 18 X 1 1/4"	4
25	85147	FLAT WASHER 5/16"	4
26	84717	LOCK WASHER 5/16"	4
27	83764-04	12 JIC SWIVEL 90	1
28	13E68	SWITCH - TOGGLE	1
29	135452-03	DECAL - GEN SET ON/OFF	1
30	92498-04	WIRE - #16 GA. BLUE W/ RED STRIPE	24"
31	90990-04	WIRE - RING POST	2
32	84316-04	WIRE - 16 - 2 ALPHA	180"
33	97735	WIRE - SPADE TERMINAL	2
34	28Y52	ELEC. - TERMINAL	2

WINDOW PICK-UP ASSEMBLY
(143384-01)

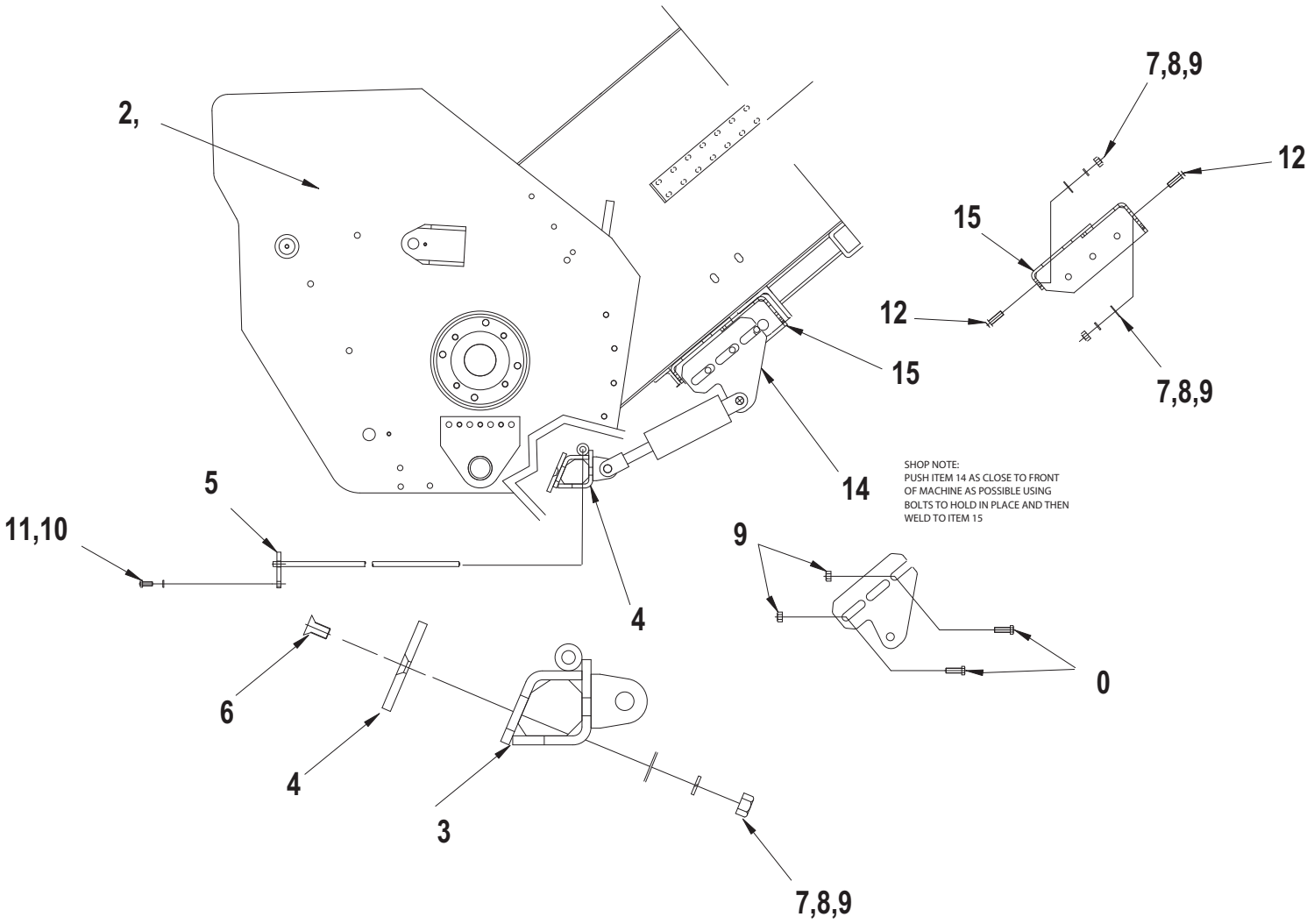


C-1 WINDROW PICK-UP HEAD ASSEMBLY

WINDROW PICK-UP ASSEMBLY
(143384-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	143415-01	LEFT SIDE WINDROW SUB-ASSEMBLY	1
2	143414-01	RIGHT SIDE WINDROW SUB-ASSEMBLY	1
3	123330-01	BOTTOM PLOW	1
4	140278-01	SCRAPER BLADE SUB-ASSEMBLY	1
5	144452-03	CASTER SHEAR BLOCK KIT	1
10	140762-03	BLADE BRACKET	2
11	142175-03	WINDROW PIVOT MUFFLER SUPPORT	2
12	142649-02	CYL. MOD. WINDROW SCRAPER	2
13	131140-01	WINDROW JACK & C1 FLOATING WIRING	1
14	143706-01	WINDROW HYDRAULICS (PENDING)	1
15	142653-04	PAINT & MARKINGS (PENDING)	1
16	86164	BOLT, HEX 1/2 - 13 UNC X 1 1/4" GD. 8	2
17	83781-04	WASHER, FLAT 1/2" STEEL	2
18	83317	LOCKWASHER 1/2" SPRING STEEL	2
19	83288	NUT, HEX 1/2 - 13 GD. 8	2

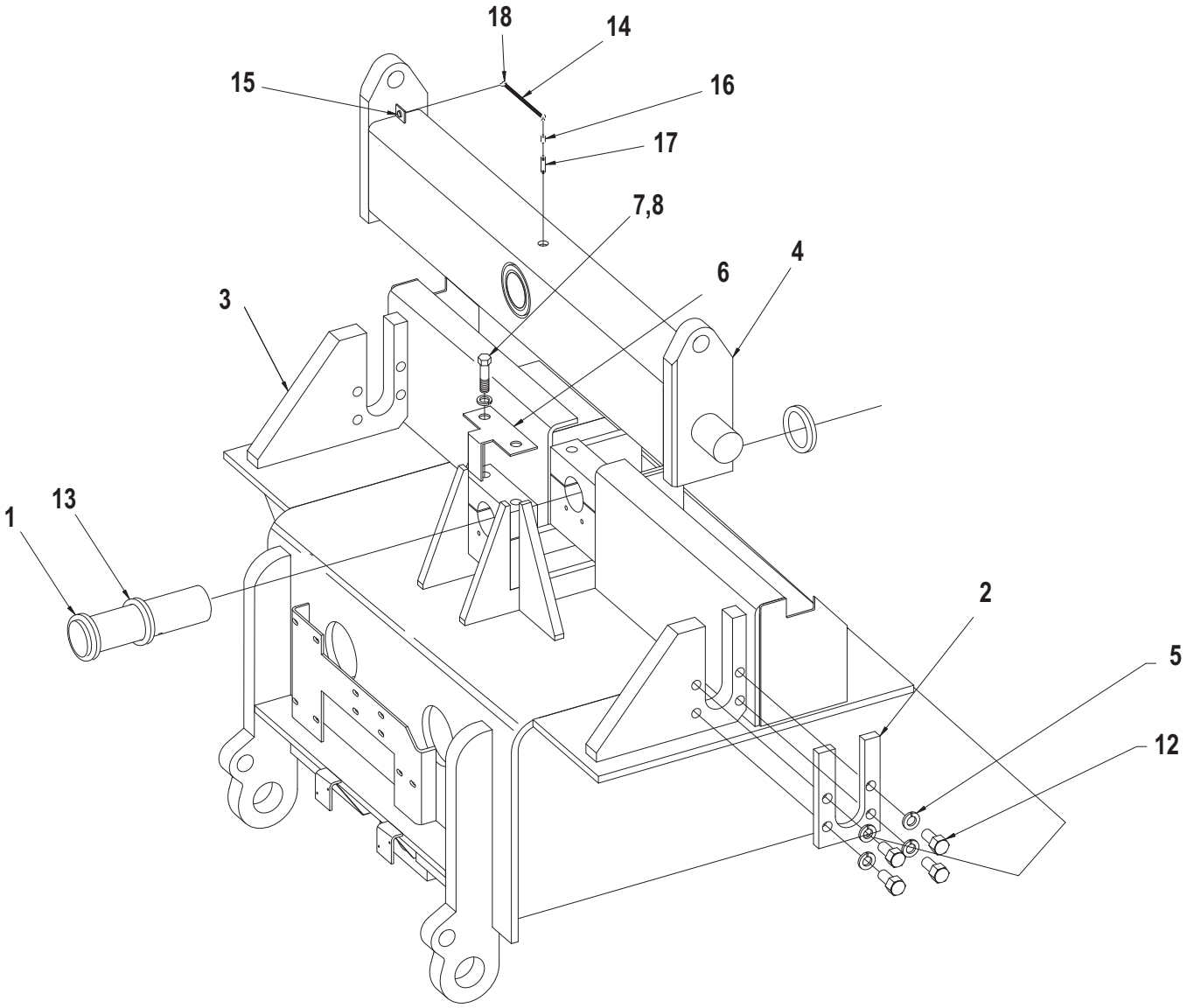
SCRAPER BLADE SUB-ASSEMBLY
(140278-01)



SCRAPER BLADE SUB-ASSEMBLY
(140278-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1		LEFT C-1 END PLATE (WINDROW OPTION)	
2		RIGHT C-1 END PLATE (WINDROW OPTION)	
3	135933-01	SCRAPER BLADE SUPPORT	1
4	135934-01	WINDROW SCRAPER BLADE	1
5		DUMP HOPPER LINER PIVOT PIN	
6	91340-04	BOLT, FHCS 5/8 - 11 X 1 1/4"	5
7	85147	FLAT WASHER 5/8" STEEL	13
8	84717	LOCKWASHER 5/8" SPRING STEEL	13
9	85148	NUT, HEX 5/8 - 11 GD. 8	13
10		LOCKWASHER 1/2" SPRING STEEL	
11		BOLT, HEX 1/2 - 13 X 1 1/4" GD. 8	
12	96041	BOLT, HEX 5/8 - 11 X 2" GD. 8	8
13	89152	BOLT, HEX 5/8 - 11 X 2 1/4" GD. 8	6
14	135132-01	CYLINDER MOUNTING LUG	2
15	135131-01	CYLINDER MOUNTING WELDMENT	2

WINDROW C-1 PIVOT
(144789-01)

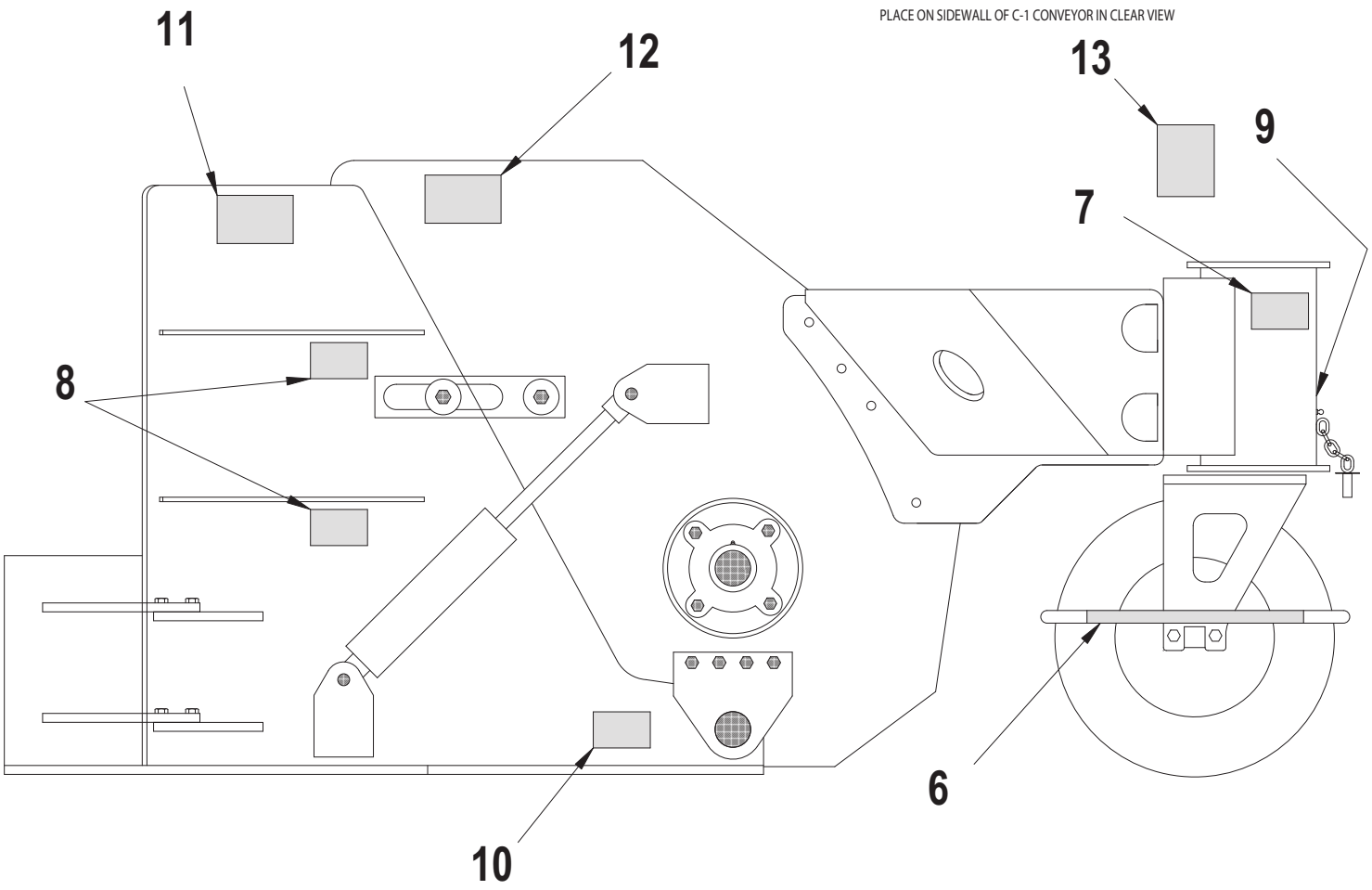


C-1 PIVOT ASSEMBLY FOR WINDROW PICK-UP

WINDROW C-1 PIVOT
(144789-01)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	147426-03	PIVOT TUBE PIN	1
2	144788-04	C-1 PIVOT TUBE STOP	2
3	144784-01	WINDROW PIVOT BOX	1
4	144783-01	C-1 PIVOT TUBE	1
5	83752-04	LOCKWASHER 3/4" GD. 8, Z	8
6	147427-03	PIVOT PIN RETAINER	1
7	99359	BOLT, HEX 1 - 8 X 5"	4
8	83427	LOCKWASHER 1" SPRING STEEL	4
9	139371-04	C-1 CYLINDER STOP	4
10			
11	144634-04	WINDROW PIVOT DECALS	1
12	93189	BOLT, HEX 3/4 - 10 X 2 1/4" GD. 8	8.
13	120891-04	BRASS SPACER	2
14	139948-04	GREASE LINE-1/4" X 26" W/ 4 JIC SW (BOTH ENDS	1
15	90565	GREASE FITTING - 1/8" NPT ST	1
16	92792	FITTING - 1/8" NPT COUPLING	1
17	86134	FITTINF - 1/8" NPT X 2" NIPPLE	1
18	84560-04	FITTING - 1/8" NPT X 4 JIC 90 CONNECTOR	2
19	80539-04	HARDWARE - 1/4" JIFFY CLAMP	1
20	83114	BOLT, HEX 1/4 - 20 X 1/2" GD. 8	1
21	83288	LOCKWASHER 1/4" SPRING STEEL	1

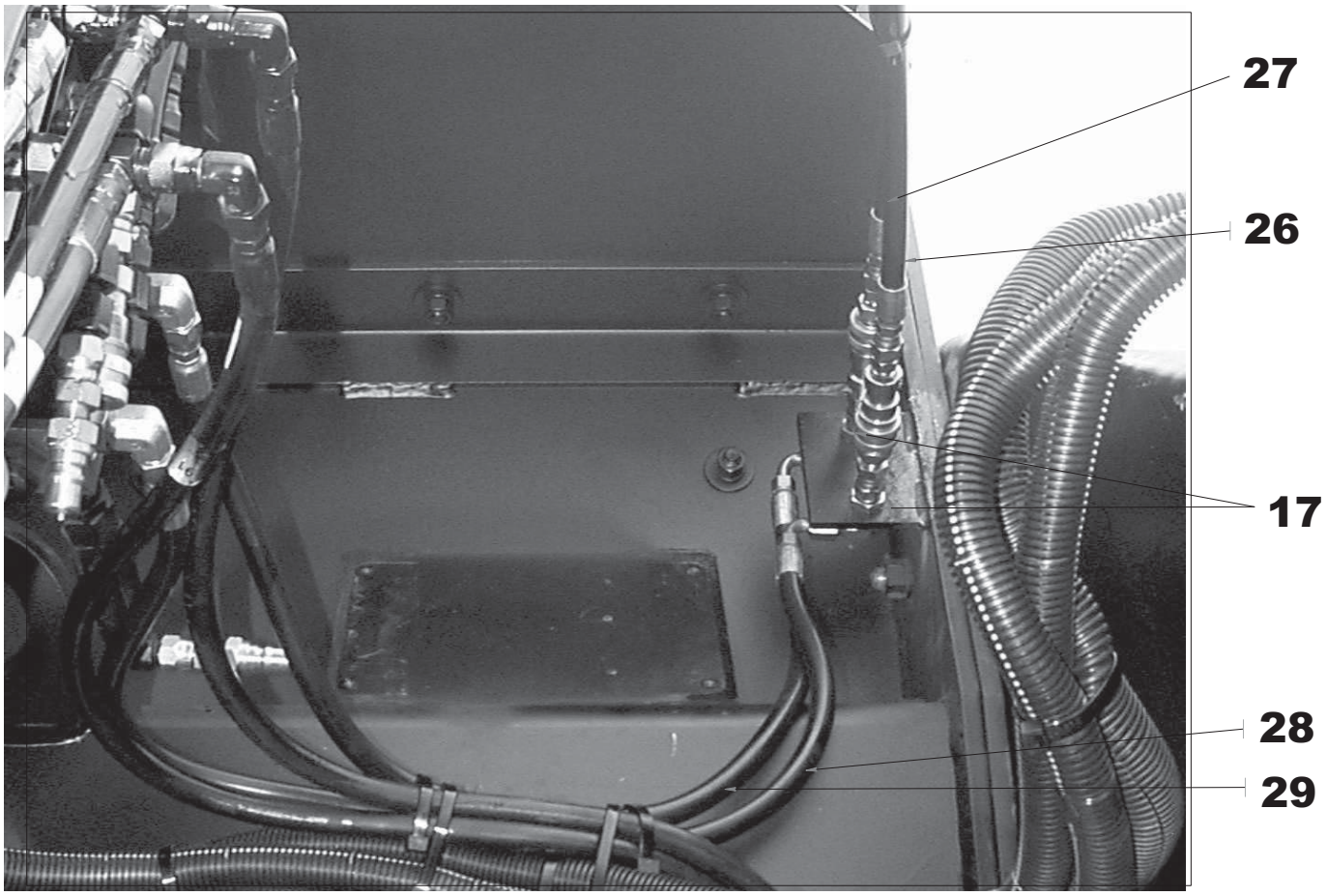
WINDROW PAINT & MARKINGS
(142653-04)



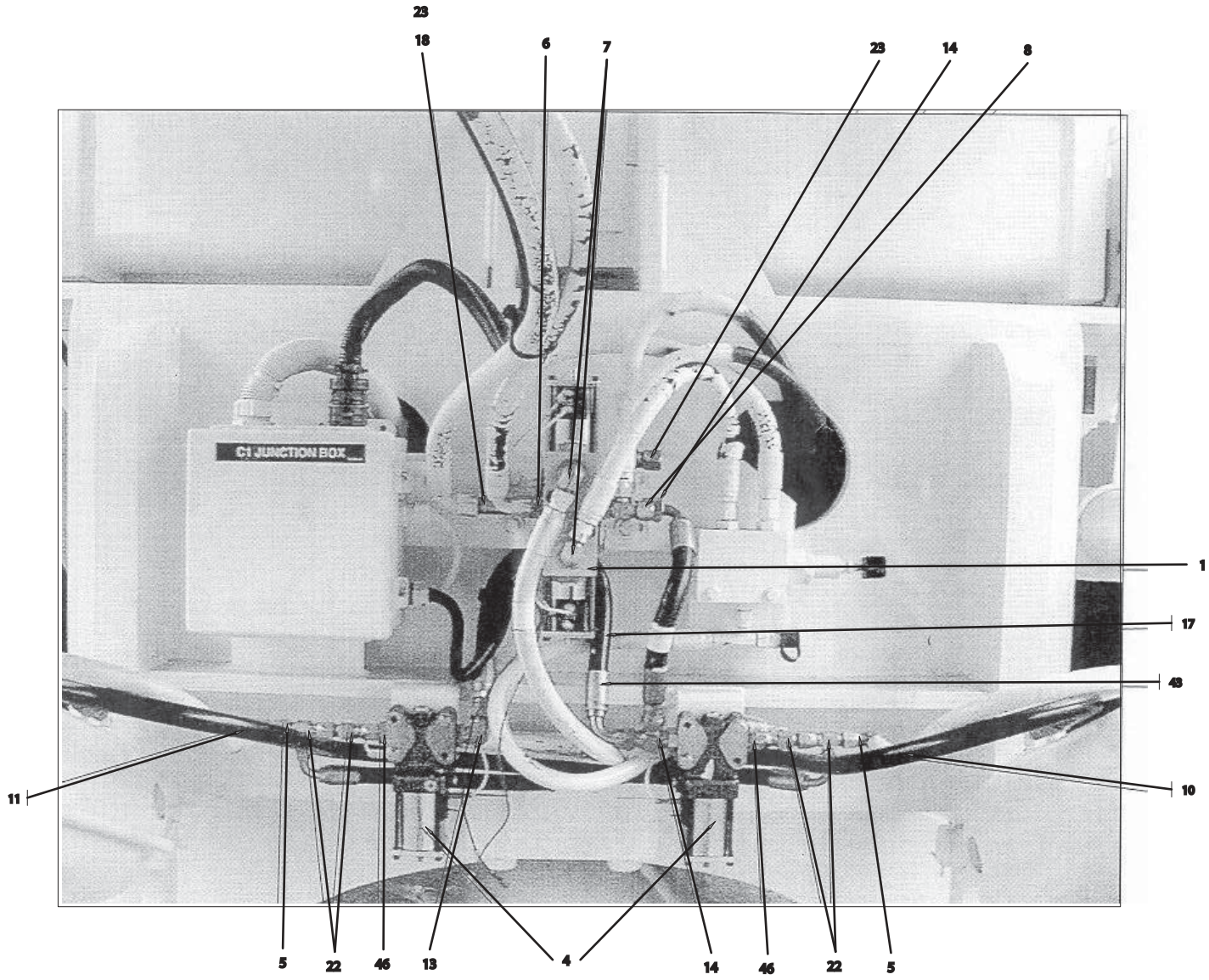
WINDROW PAINT & MARKINGS
(142653-04)

REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	125643	BLACK HI-BOND PRIMER SERIES # 35	5
2	82996-04	PAINT SUPPLY - BLACK	4
3	82999-04	PAINT SUPPLY - HARDENER	1
4	83004-04	PAINT SUPPLY - FISHEYE BAN 4 oz.	.5
5	92465	PAINT SUPPLY - WHITE CHEVY # 10	.5
6	129611	BLACK & YELLOW CAUTION TAPE	72"
7	95871-04	DECAL - STAND CLEAR	2
8	92803-04	DECAL - PINCH POINT AREA	4
9	96088-04	DECAL - GREASE HERE 1" X 2"	2
10	97602-04	DECAL - CAUTION PINCH POINT AREA	2
11	97604-04	DECAL - STAND CLEAR	REF
12	97605-04	DECAL - CAUTION CLEAR HOPPER WINGS	REF
13	138385-03	DECAL - WINDROW INSTRUCTIONS	2

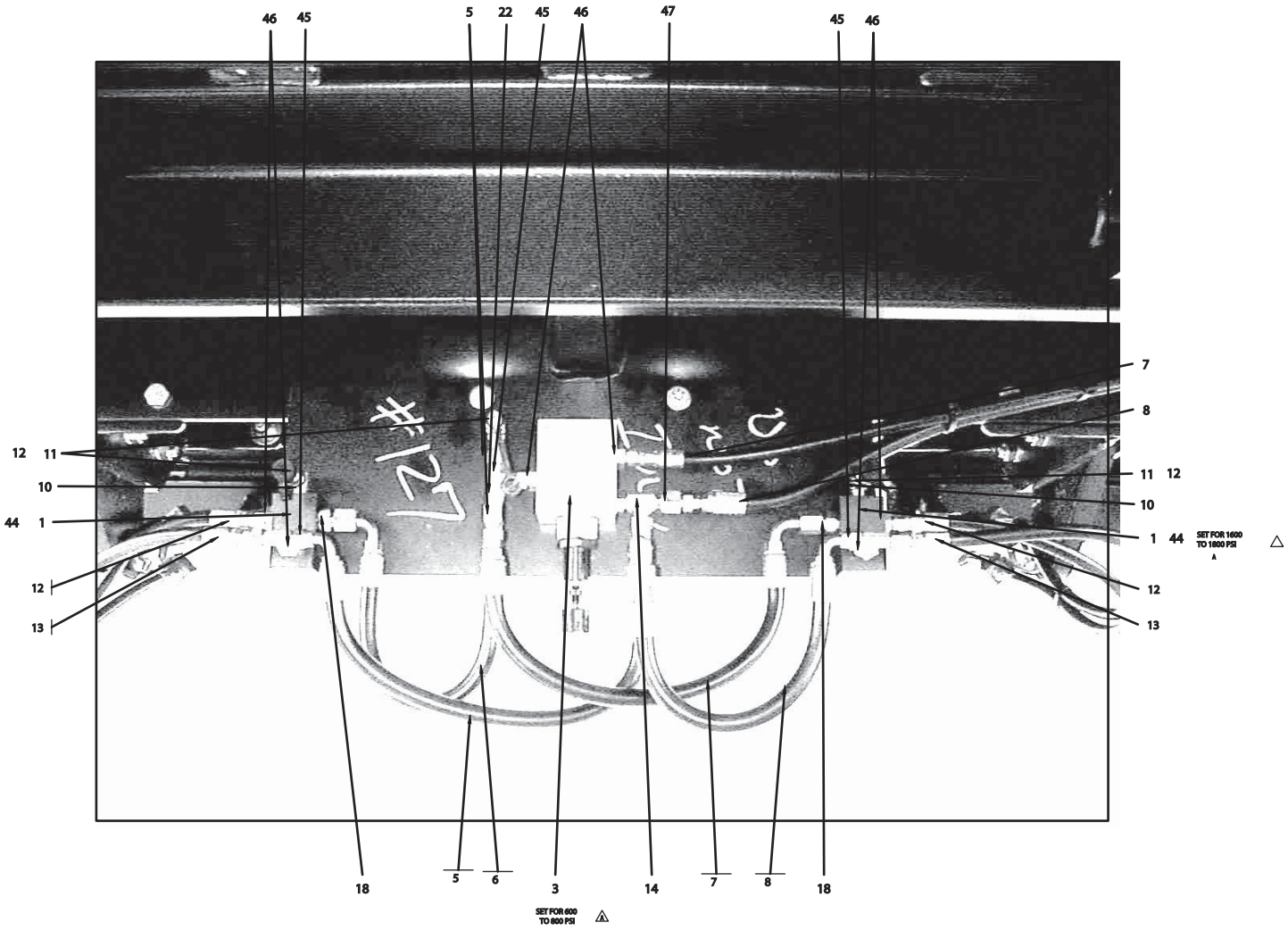
WINDROW HYDRAULICS
(143706-01)

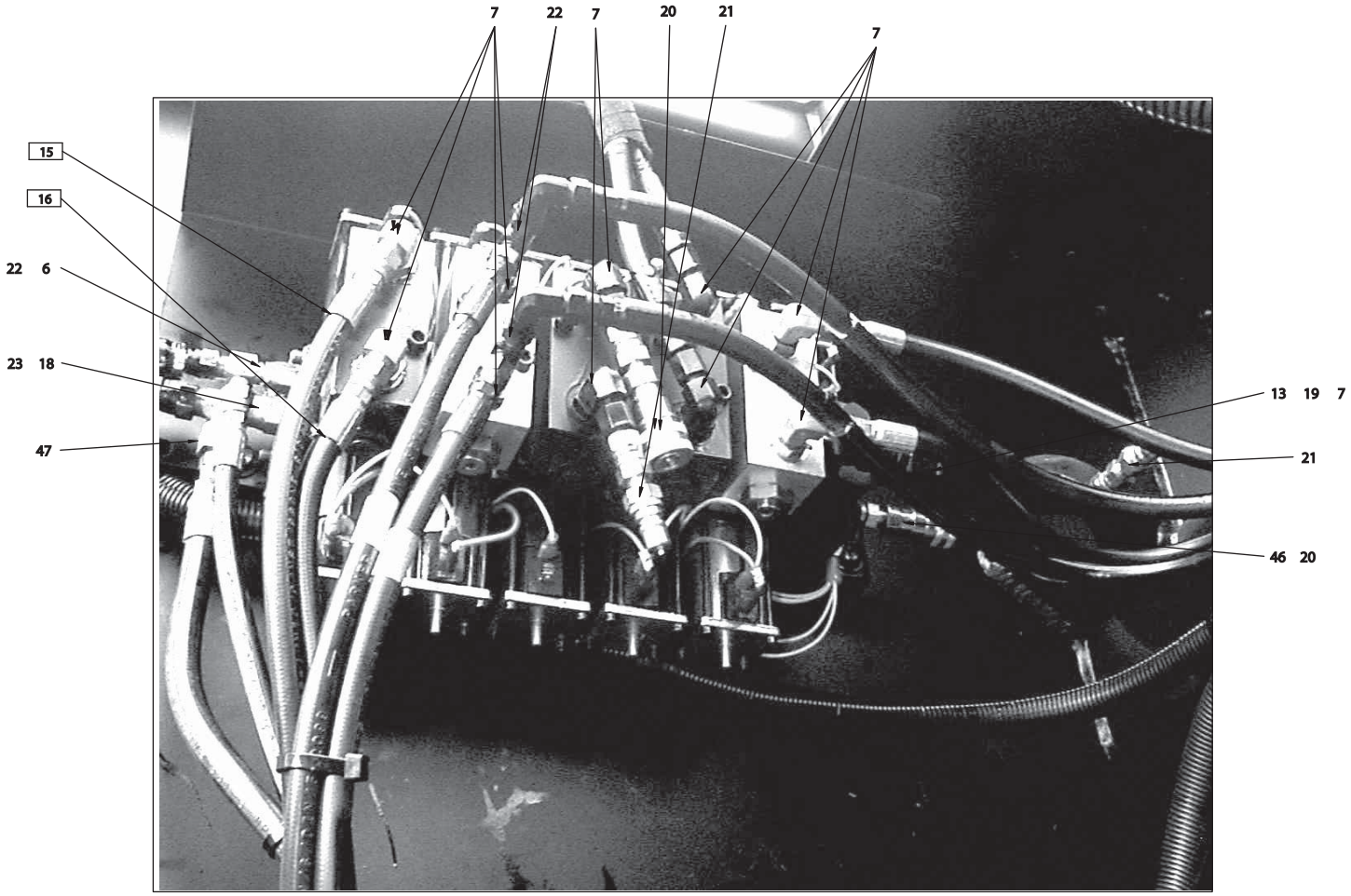


WINDROW HYDRAULICS
(143706-01)

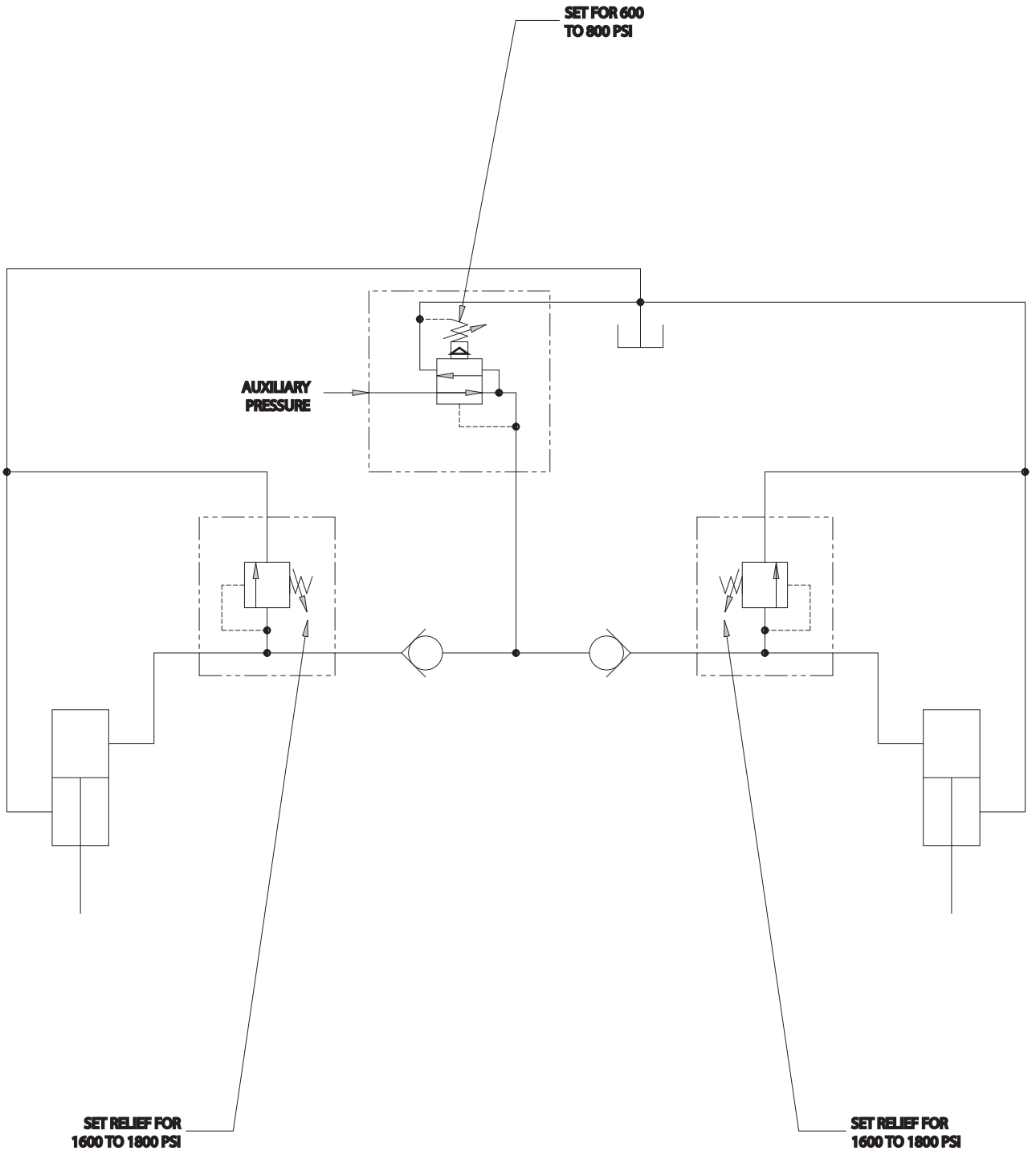


WINDROW HYDRAULICS
(143706-01)




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WINDROW HYDRAULICS
(143706-01)



WINDROW HYDRAULICS
(143706-01)

QTY	ITEM	IDENT	DESCRIPTION
2	1	137332-04	RELIEF VALVE DIRECT ACTING (25 PSI)
3	2	97553	SOLENOID RACE
1	3	126763-04	PRESSURE VALVE (SAE)
2	4	124125	SOLENOID VALVE
3	5	83953-04	FIT* F M SWIVEL ELBOW 6 JIC 90∞
1	6	83735-04	FIT * ADAPTER 6 JIC-6 SAE ST.
14	7	84426-04	FIT* 6 JIC-8 SAE 90∞ MALE
2	8	91665-04	FIT* RUNTEE 6 JIC M - 6 SAE M
2	9	123357	FIT* SUN HYD. CAVITY PLUG
2	10	85462-04	FIT * 6 JIC X 1/4 NPT 90∞
2	11	131680-04	FIT* TEST PORT 6 JIC
2	12	85949-04	FIT* TEST PORT CAP
2	13	83460-04	FIT* ELBOW 8 JIC M - 8 SAE 90∞ STEEL
3	14	83766-04	RUNTEE 8 JIC - 8 SAE MALE
8	15	86170-04	FIT* ADAPTOR 6 JIC - 1/4 NPT M
3	16	86192	ALLTHREAD* 3/8-16 X 16" LG.
4	17	85381	FIT * 6 JIC BULKHEAD 90∞
4	18	83459-04	FIT* CONNECTOR 8 JIC - 8 SAE MALE
1	19	135149-04	VALVE* 8 JIC CHECK VALVE
8	20	92279-04	QD FTG 1/4 NPT FEMALE
8	21	92280-04	QD FTG 1/4 NPT MALE
6	22	84636-04	SWIVEL RUNTEE 6 JIC
3	23	84638-04	SWIVEL RUNTEE 8 JIC
REF.	24	83322-01	CYLINDER* 3" BORE 15 3/4 STROKE
REF.	25	135016-03	CYLINDER E-10B SLOPE / MATCH HT.
C B 2	26	136979-04	VALVE ~ AIR BLEED 6K/PS1
3	27	89598	FIT* 6 JIC BRANCHTEE
7	28	83469-04	FIT* 6 JIC-8SAE ST.
1	29	84060-04	FIT * FEMALE 8-6 JIC REDUCER

* SEE 147446-04 (C-1 WINDROW HOSE KIT) FOR HOSE DESCRIPTIONS

GENSET OUTLET EXT'N
(148267-01)

QTY	ITEM	IDENT	DESCRIPTION
1	1	122101	FLEX CONDUIT ~ 3/8 SEALED X 680"
16	2	142461	FORK TERMINAL ~ #10 YELLOW
4	3	128940	OUTLET BOX ~ GRAY WEATHERPROOF
4	4	128939	COVER ~ OUTLET BOX GRAY WEATHERPROOF
4	5	128938	DUPLEX RECEPTACLE
6	6	90554	RING TERMINAL ~ #10 YELLOW
5	7	122101-C1	CONDUIT FITTING ~ 3/8 SEALED ST
2	8	122933	WIRE NUT ~ RED
3	9	122101-C2	CONDUIT FITTING ~ 3/8 SEALED 90∞
8	10	89988-04	BOLT ~ 1/4-20 X 3/4 HEX (GR8)
8	11	84444	WASHER ~ 1/4 FLAT (STEEL)
8	12	83065	WASHER ~ 1/4 LOCK (SPRING STEEL)
2	13	122101-C3	CONDUIT NUT ~ 3/8 SEALED
1	14	87856-04	WIRE ~ 12 GAUGE X 2,184"

ITEMS 1 & 14 ARE DIVIDED AS FOLLOWS:

	3/8 CONDUIT	BLACK WIRE	WHITE WIRE	GREEN WIRE
FRONT TO BACK - RIGHT SIDE	264"	276"	276"	276"
RIGHT SIDE TO GENERATOR SET	144"	156"	156"	156"
FRONT TO BACK - LEFT SIDE	252"	264"	264"	264"
LEFT SIDE TO GENERATOR SET	20"	32"	32"	32"

ITEMS 3 MOUNTS WITH ITEMS 10, 11, & 12 AT THE FOUR CORNERS OF THE MACHINE

BOTH FRONT CORNERS - DRILL & TAP THE BOTTOM AT EACH END OF THE 3" TUBE THAT THE HORN IS MOUNTED TO
BOTH REAR CORNERS - DRILL & TAP THE BOTTOM OF BOTH THE REAR HYDRAULIC & FUEL TANK MOUNTS

all fractional dims ± 1/32" - all decimal dims ± .005 unless noted

REV.	BY	DATE	REVISIONS	CHK'D BY	APP'D BY

ROADTEC

PART NAME: GENSET OUTLET EXTENSIONS ASSEMBLY

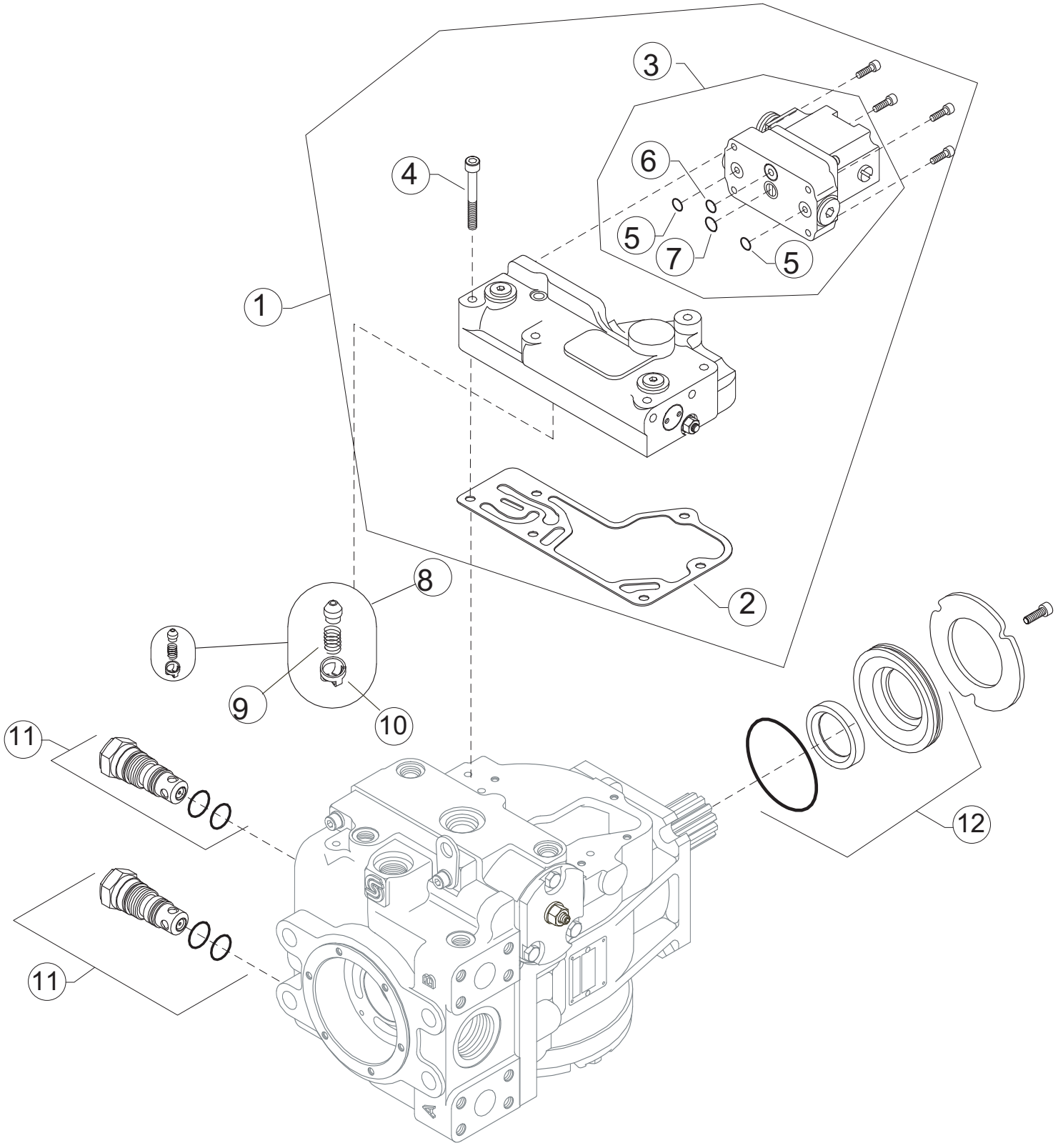
01 MFG'D PER SB-2500B		SHEET NO: 1 of 1	END CODE: OPTIONS	SPECIFICATION: N/A
DRAWN BY: TBH	CHECKED BY:			
SCALE: 1/8	DATE: 05/04/01	DWG NO: 148267-03	REV: 0	

ROADTEC

SECTION 7 : VENDOR

VENDOR	PART NO.	PAGE NO.
SAUER DANFOSS	29J94-01	7.1
SAUER DANFOSS	91681-04	7.3
SOUTHERN HYD	144894-01	7.5
SAUER DANFOSS	99814	7.7
DURST	144422-01	7.9
SOUTHERN HYD	144895-01	7.11
SOUTHERN HYD	144897-01	7.13
SOUTHERN HYD	144898-01	7.15
SOUTHERN HYD	144899-01	7.17
SOUTHERN HYD	144900-01	7.19
SOUTHERN HYD	144901-01	7.21
SAUER DANFOSS	149224-04	7.23
ZINGA FILTER	29G38	7.25
HYDAC FILTER	142799	7.27
ZINGA FILTER	29G37	7.29
ESKRIDGE	141780-01	7.31
AUSCO	142483	7.33
ESKRIDGE	145338	7.35

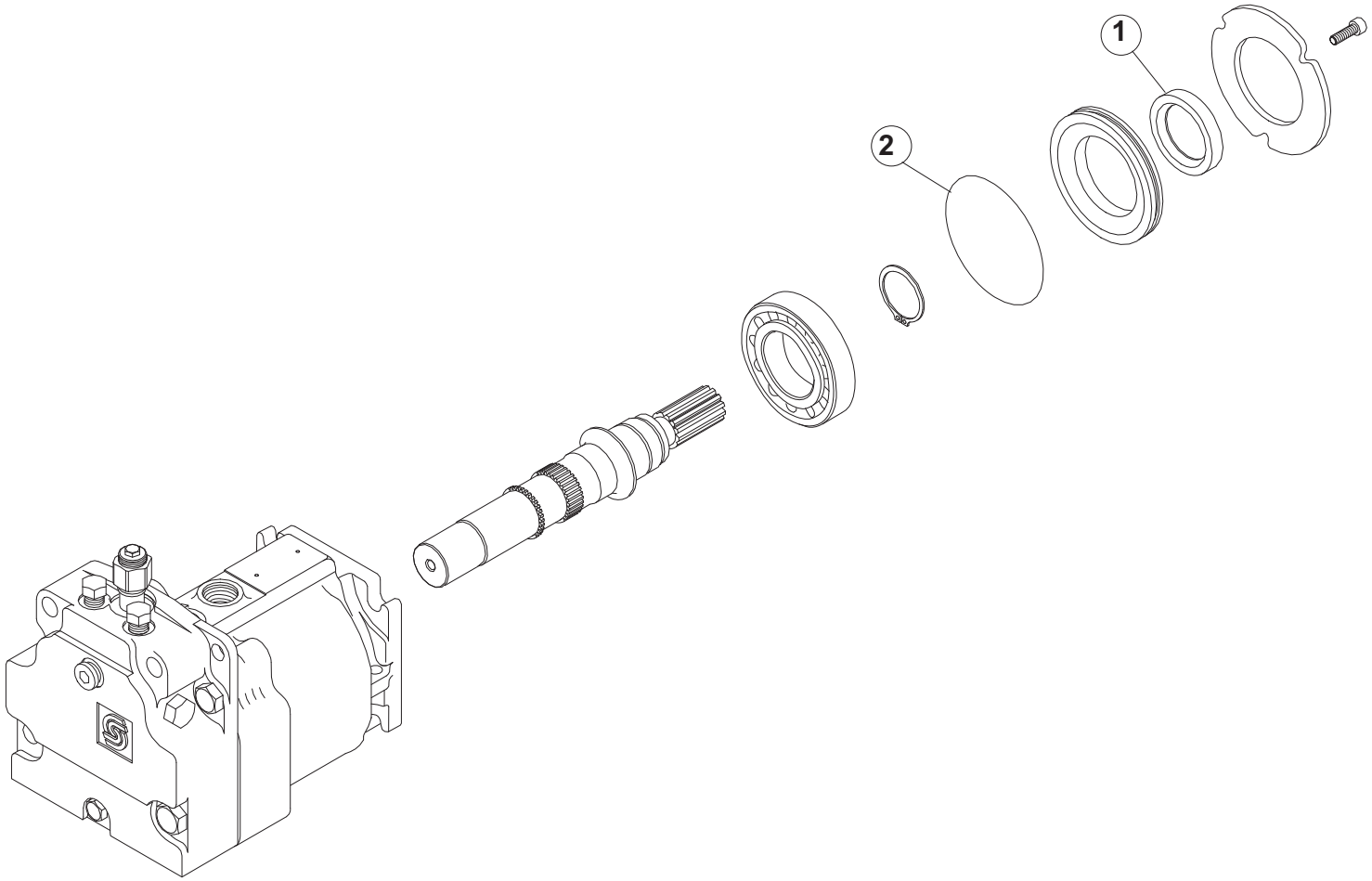
SAUER DANFOSS P/N 9521343
(ROADTEC P/N 29J94 -01)



SAUER DANFOSS P/N 9521343
(ROADTEC P/N 29J94 -01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	29J94-C13	EDC KIT	1
2	142125-C2	GASKET	1
3	125297-C4-1	PCP	1
4	142125-C4	SCREW	6
5	142125-C5	O-RING	2
6	142125-C6	O-RING	1
7	142125-C7	O-RING	1
8	142125-C8	CONTROL ORIFICE	1
9	142125-C9	SPRING	1
10	142125-C10	SPRING RETAINER	1
11	29J94-C10	MULTI-FUNCTION VALVE	2
12	142125-C11	SHAFT SEAL KIT	1

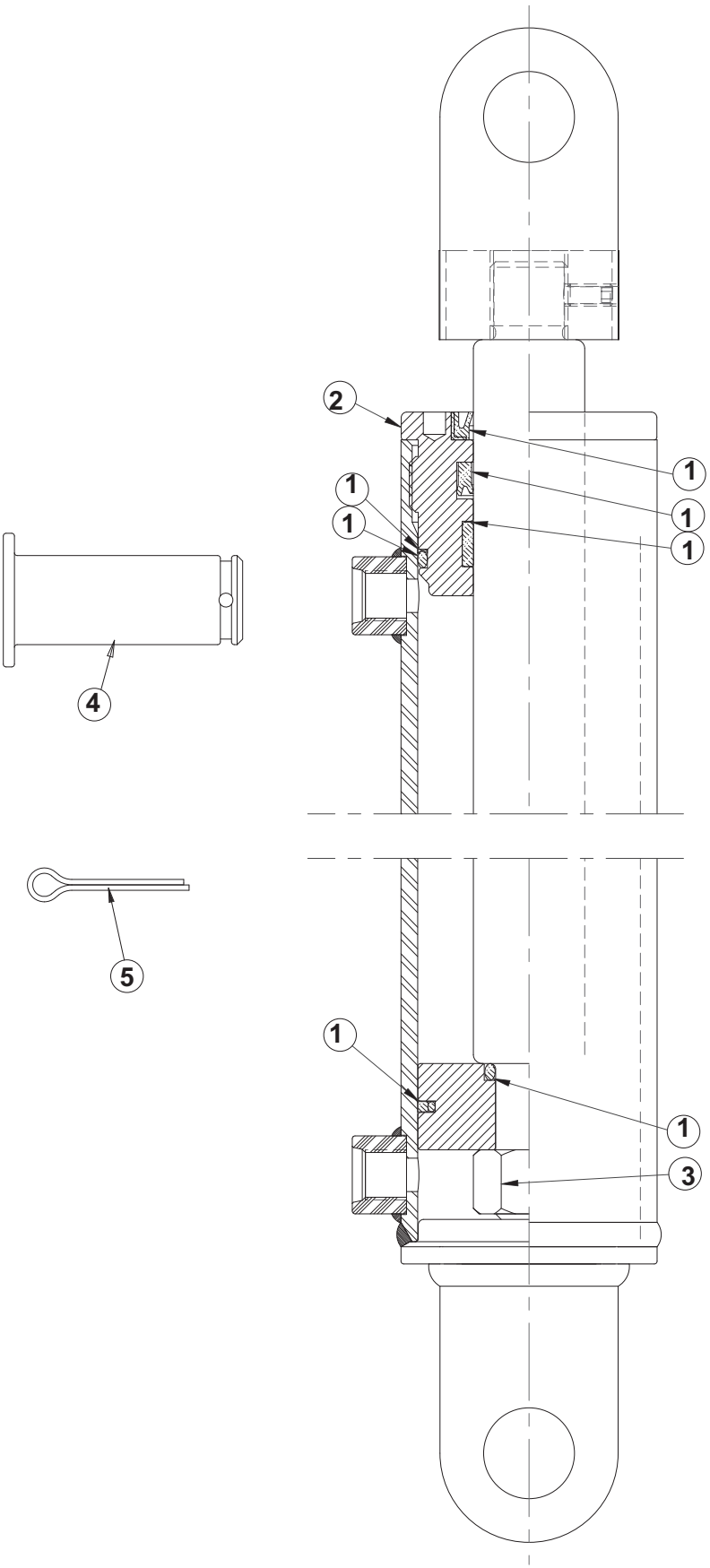
SAUER DANFOSS P/N 94-3113
(ROADTEC P/N 91681-04)



SAUER DANFOSS P/N 94-3113
(ROADTEC P/N 91681-04)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	91681-04-C3	SHAFT LIP SEAL	1
2	91681-04-C4	O-RING	1

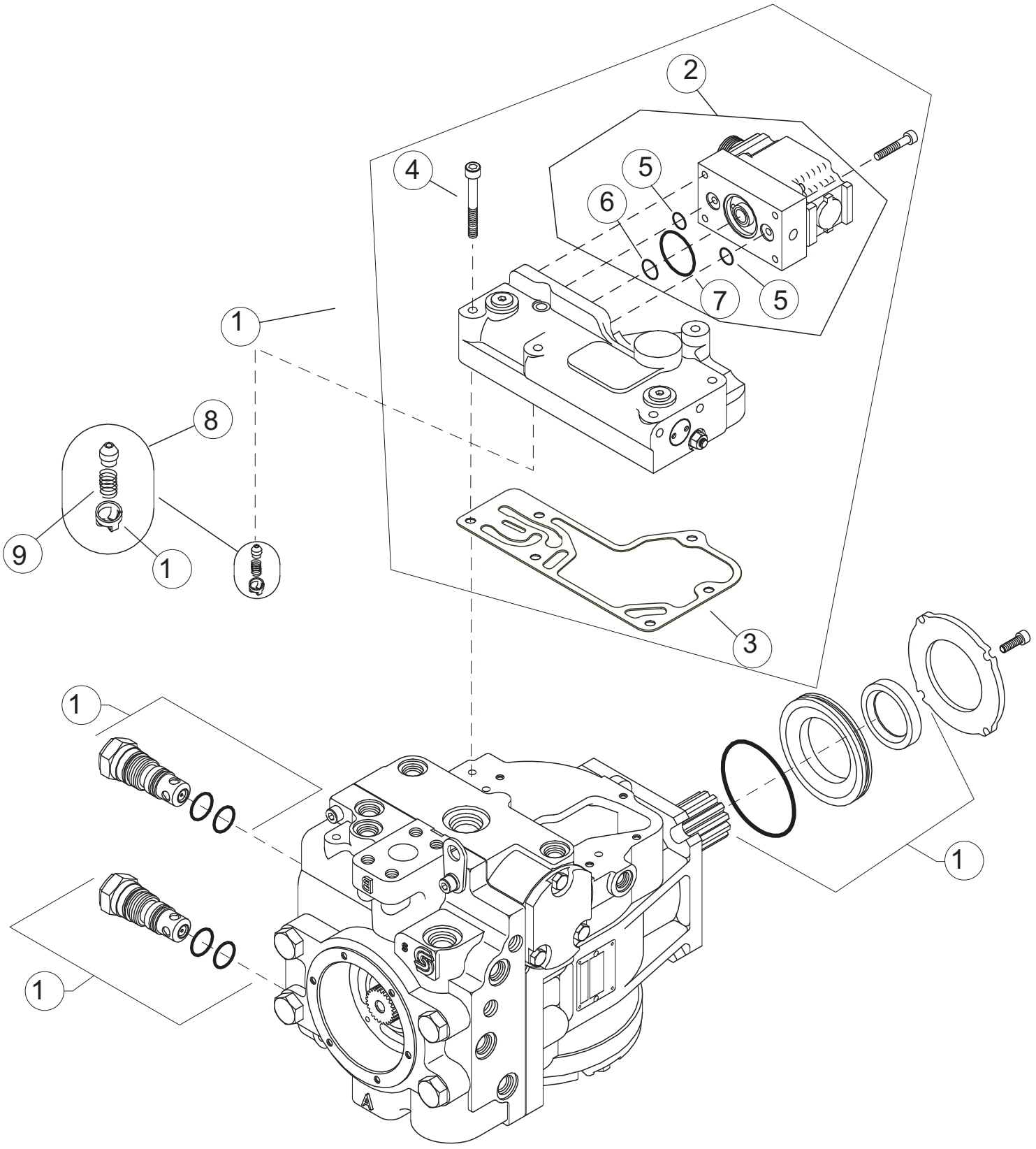
SOUTHERN HYD P/N 3017050
(ROADTEC P/N 144894-01)



SOUTHERN HYD P/N 3017050
(ROADTEC P/N 144894-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	144894-01-C1	SEAL KIT	1
2	125383-04-C2	HEADCAP	1
3	97482-01-C8	1-1/4" LOCK NUT	1
4	97482-01-C5	CLEVIS PIN	2
5	128592	COTTER PIN	2

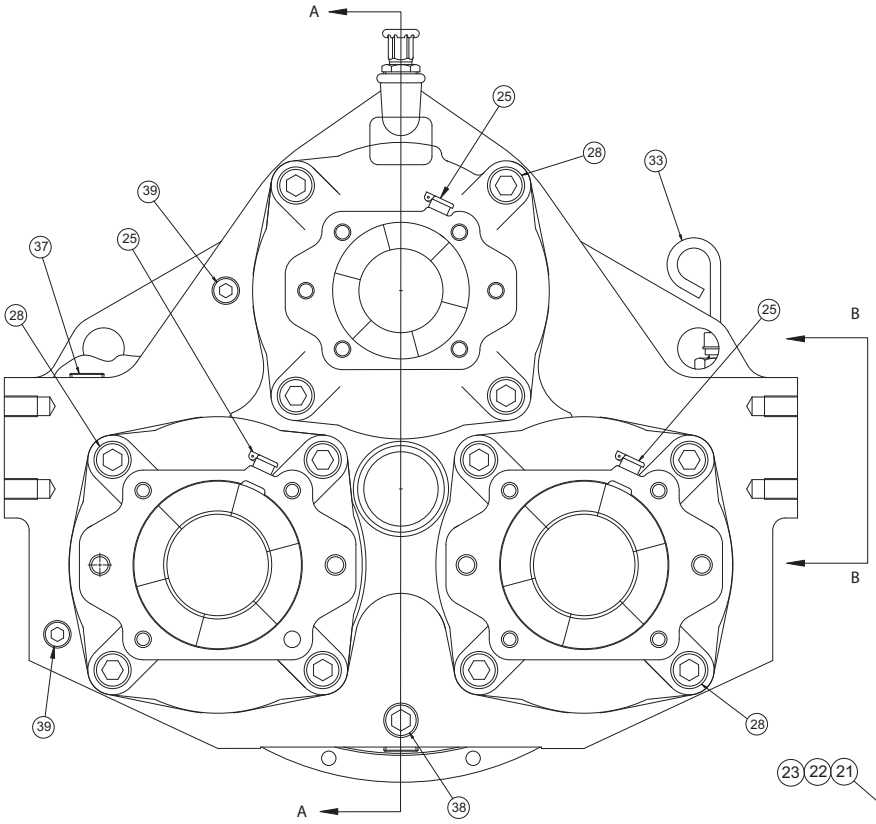
SAUER DANFOSS P/N 95-2508
(ROADTEC P/N 99814)

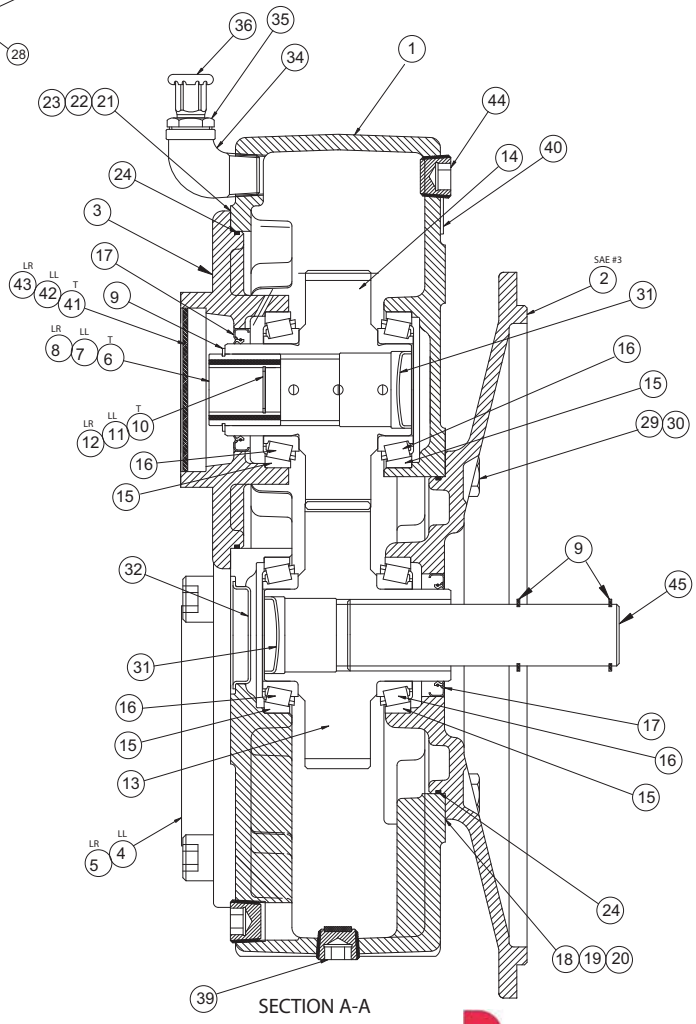


SAUER DANFOSS P/N 95-2508
(ROADTEC P/N 99814)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	99814-C2	EDC KIT	1
2	99814-C1	PCP	1
3	142125-C2	GASKET	1
4	142125-C4	SCREW	6
5	142125-C5	O-RING	2
6	142125-C6	O-RING	1
7	142125-C7	O-RING	1
8	142125-C8	CONTROL ORIFICE	1
9	142125-C9	SPRING	1
10	142125-C10	SPRING RETAINER	1
11	29J94-C10	MULTI-FUNCTION VALVE	2
12	99814-C3	SHAFT SEAL KIT	1

DURST P/N KF5-41-008
(ROADTEC P/N 144422-01)

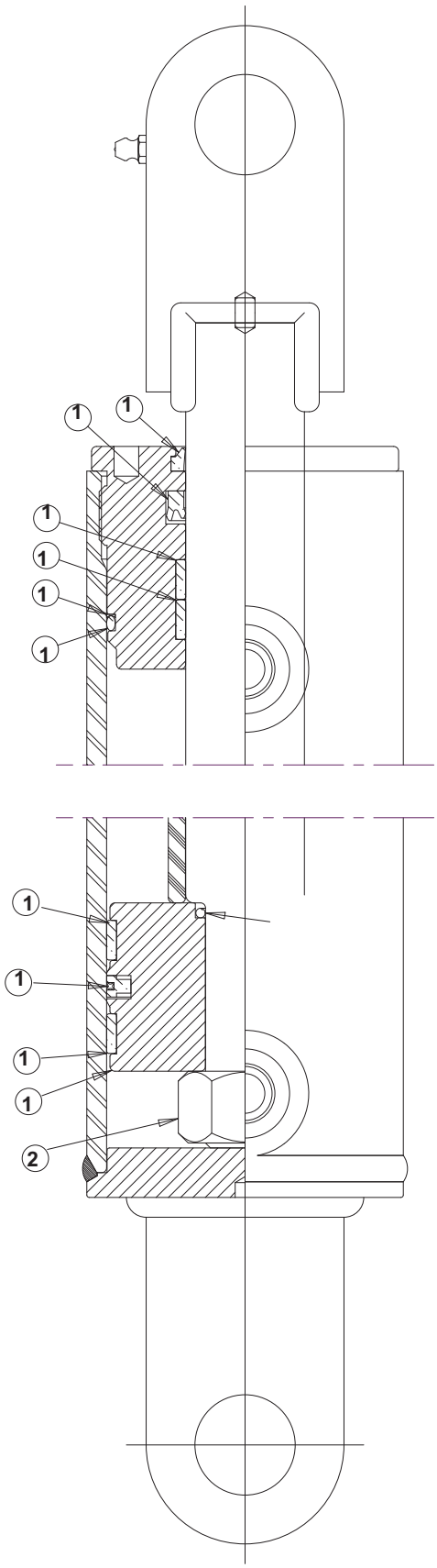




DURST P/N KF5-41-008
(ROADTEC P/N 144422-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1		HOUSING	1
2		ENGINE ADAPTER SAE #3	1
3	144422-01-C2	PUMP PADS (SAE B) POS. TOP	1
4	135571-01-C5	PUMP PADS (SAE C) POS. LL	1
5	135571-01-C5	PUMP PADS (SAE C) POS. LR	1
6	144422-01-C3	SPLINE ADAPTER (SAE BB) POS. TOP	1
7		SPLINE ADAPTER (SAE D) POS. LL	1
8		SPLINE ADAPTER (SAE D) POS. LR	1
9	133781-04-C2	3 RETAINING RING - EXT.SPRING	1
10	124204-C6	1 RETAINING RING - INT.	1
11		RETAINING RING - INT.	
12		RETAINING RING - INT.	
13	123243-01-C3	GEAR, DRIVER 63 T.	1
14	124204-C22	GEAR, DRIVEN 55 T.	3
15	124204-C12	BEARING CUP TIMKEN # 382A	8
16	124204-C13	BEARING CONE TIMKEN # 387A	8
17	124204-C7	SEAL CR # 22361 HIGH TEMP.	4
18	124204-C14	SHIM .005 ALUM. (INPUT)	2
19	124204-C15	SHIM .007 ALUM. (INPUT)	2
20	135572-01-C5	SHIM .020 ALUM. (INPUT)	1
21	124204-C8	SHIM .005 ALUM. (PUMP PADS)	6
22	124204-C9	SHIM .007 ALUM. (PUMP PADS)	6
23	124204-C10	SHIM .020 ALUM. (PUMP PADS)	3
24	135571-01-C6	O-RING # 169 (PADS) (INPUT)	4
25	124204-C11	OIL CAP GITS # 00305	3
26		STUD 3/4 - 10 UNC X 3"	
27		HEX NUT 3/4 - 10 UNC	
28		SOC. HD. CAP SCREW 3/4 - 10 UNC X 1 1/2"	12
29		HEX HD. CAP SCREW 1/2 - 13 UNC X 1 1/4"	6
30		LOCKWASHER 1/2"	6
31	135573-01-C6	EXPANSION PLUG (GEARS)	4
32	124204-C21	EXPANSION PLUG (HOUSING)	1
33	135572-01-C4	DIP STICK	1
34		90 STR ELBOW 3/4 X 1/4 NPT	1
35	135572-01-C2	RED. BUSHING 3/4 X 3/8 NPT	1
36	135572-01-C3	BREATHER	1
37		PIPE PLUG 3/4" NPT SOC. HD.	1
38	144422-01-C4	PIPE PLUG 3/4" NPT SOC. HD. (MAG.)	1
39	124204-C11	PIPE PLUG 1/2" NPT SOC. HD.	3
40		NAME TAG	1
41		CARDBOARD COVER SAE B (SHIPPING)	1
42		CARDBOARD COVER SAE C (SHIPPING)	1
43		CARDBOARD COVER SAE C (SHIPPING)	1
44		PIPE PLUG 3/8 - 18 NPT HEX C'SUNK	1
45	124204-C11	SHAFT ADAPTER	1

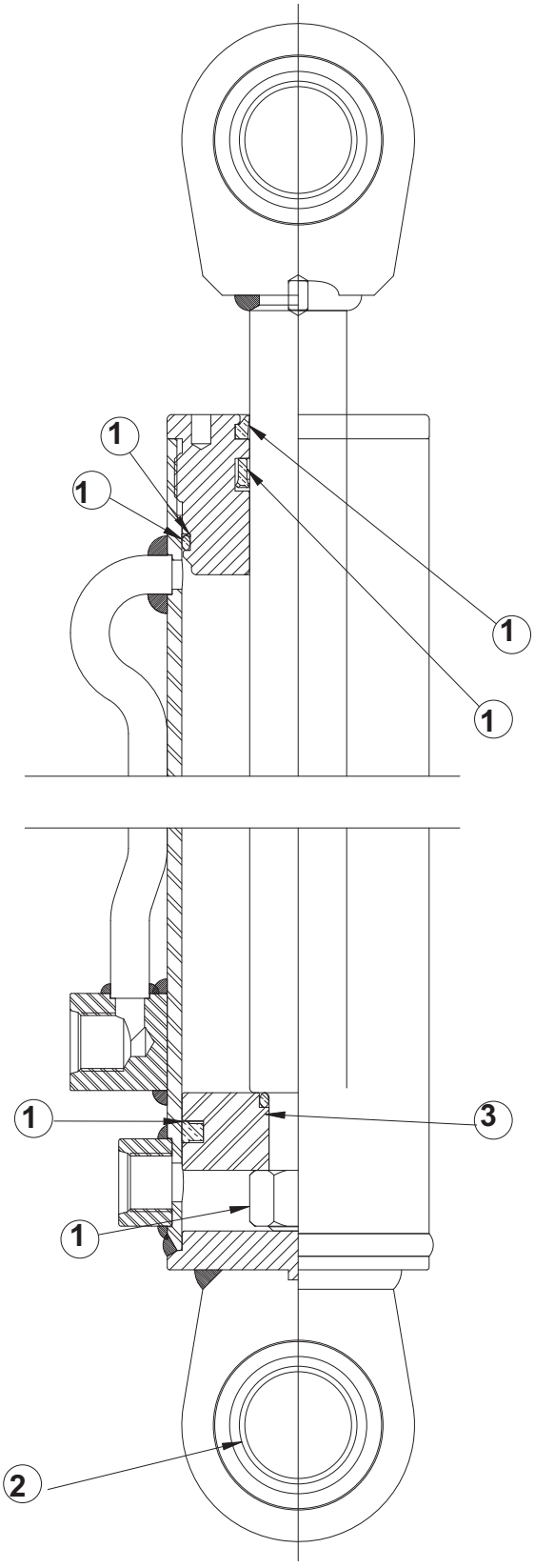
SOUTHERN HYD. P/N 3515082-144895-01
(ROADTEC P/N 144895-01)



SOUTHERN HYD. P/N 3515082-144895-01
(ROADTEC P/N 144895-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	144895-01-	SEAL KIT	1
2	144895-01-C2	LOCKNUT	1

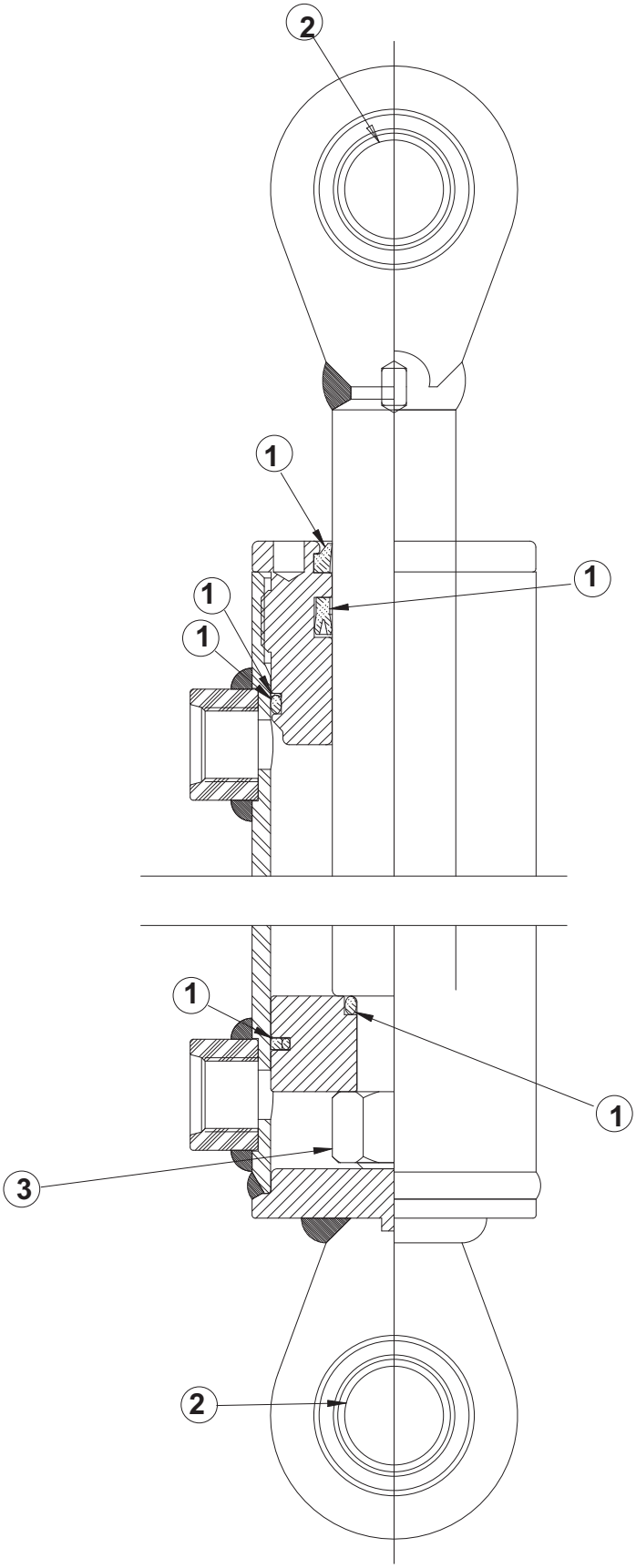
SOUTHERN HYD. P/N 3012157
(ROADTEC P/N 144897-01)



SOUTHERN HYD. P/N 3012157
(ROADTEC P/N 144897-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	83322-01-C1	SEAL KIT	1
2	144897-01-C2	SPHERICAL BEARING	2
3	97482-01-C8	3/4" LOCKNUT	1

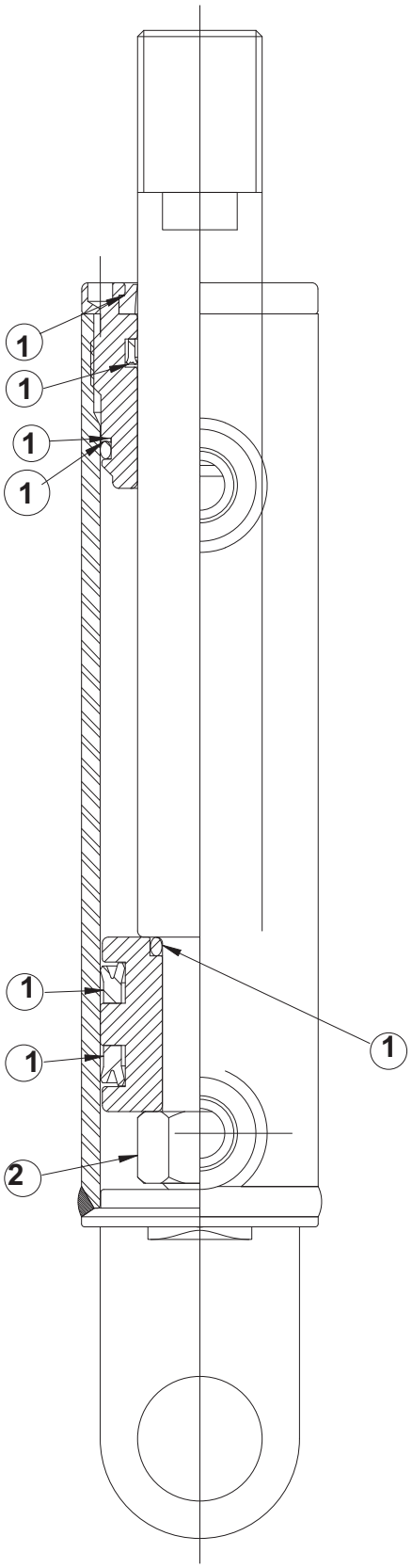
SOUTHERN HYD. P/N 2512110
(ROADTEC P/N 144898-01)



SOUTHERN HYD. P/N 2512110
(ROADTEC P/N 144898-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	89027-04-C1	SEAL KIT	1
2	144898-01-C2	SPHERICAL BEARING	2
3	97482-01-C8	3/4" LOCK NUT	1

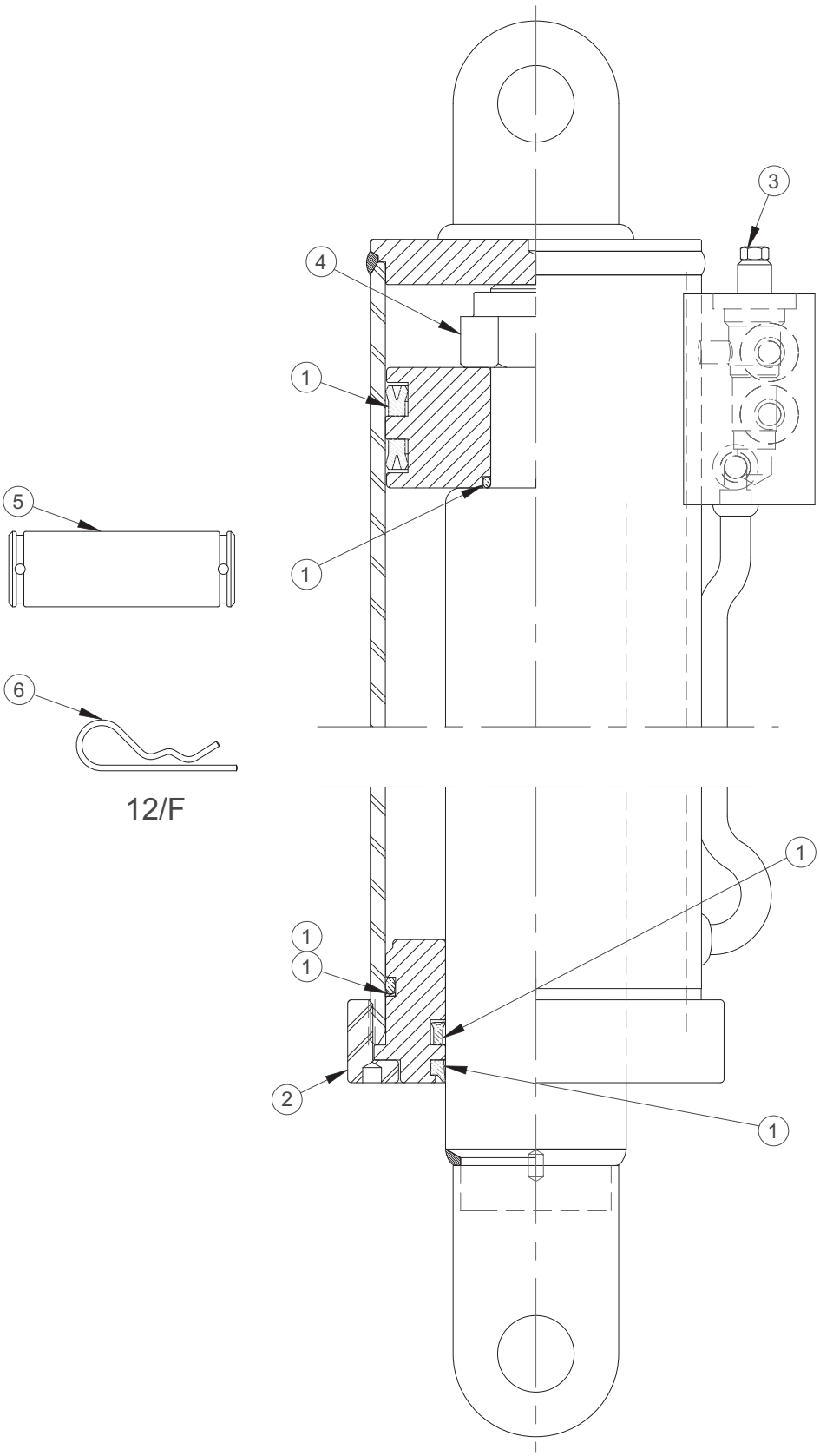
SOUTHERN HYD. P/N 2012045
(ROADTEC P/N 144899-01)



SOUTHERN HYD. P/N 2012045
(ROADTEC P/N 144899-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	144899-01-C1	SEAL KIT	1
2	97482-01-C8	3/4" LOCK NUT	1

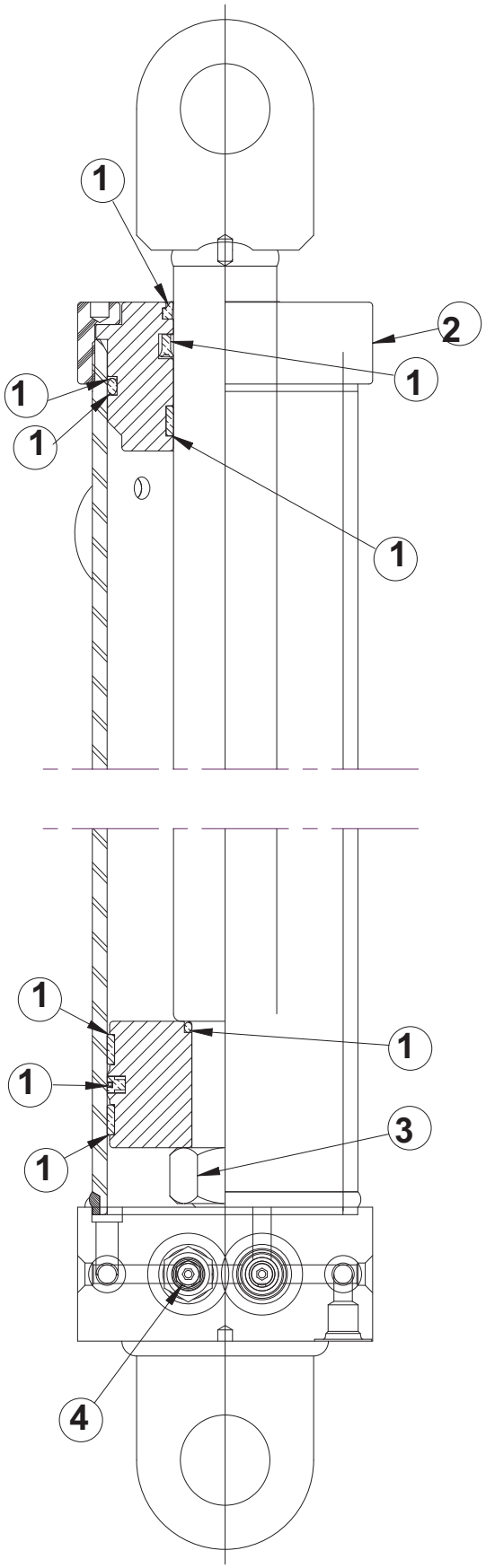
SOUTHERN HYD. P/N 5030260
(ROADTEC P/N 144900-01)



SOUTHERN HYD. P/N 5030260
(ROADTEC P/N 144900-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	93544-01-C3	SEAL KIT	1
2	89028-04-C8	HEADCAP	1
3	90412-01-C1	CARTRIDGE VALVE	1
4	144900-01-C2	LOCKNUT	1
5	89033-04	CLEVIS PIN	1
5	89034-04	HAIR PIN	1

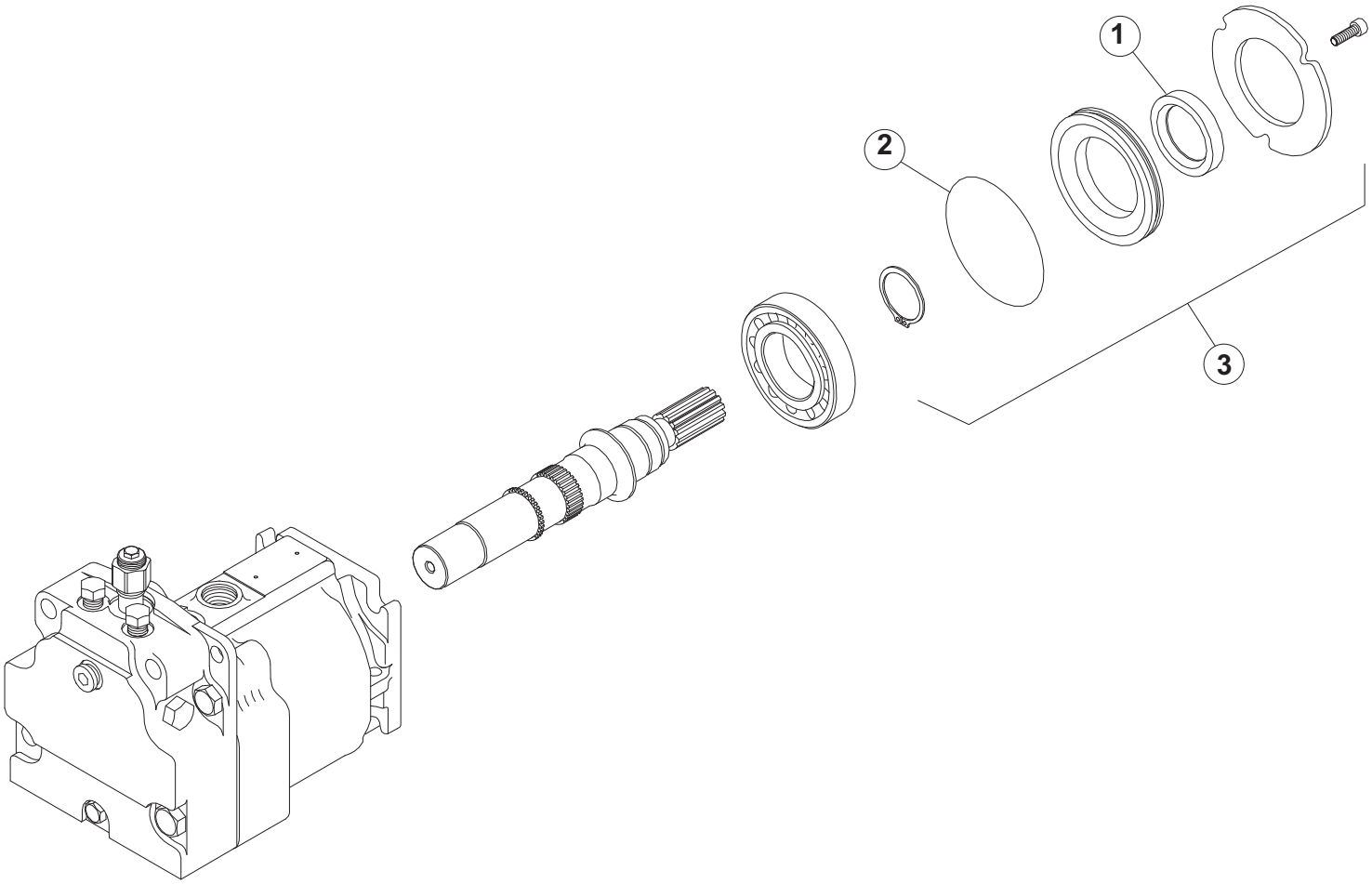
SOUTHERN HYD. P/N 4017210
(ROADTEC P/N 144901-01)



SOUTHERN HYD. P/N 4017210
(ROADTEC P/N 144901-01)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	93015-C1	SEAL KIT	1
2	144901-01-C3	HEADCAP	1
3	144901-01-C2	1-1/8" LOCK NUT	1
4	90412-01-C1	CARTRIDGE VALVE	2

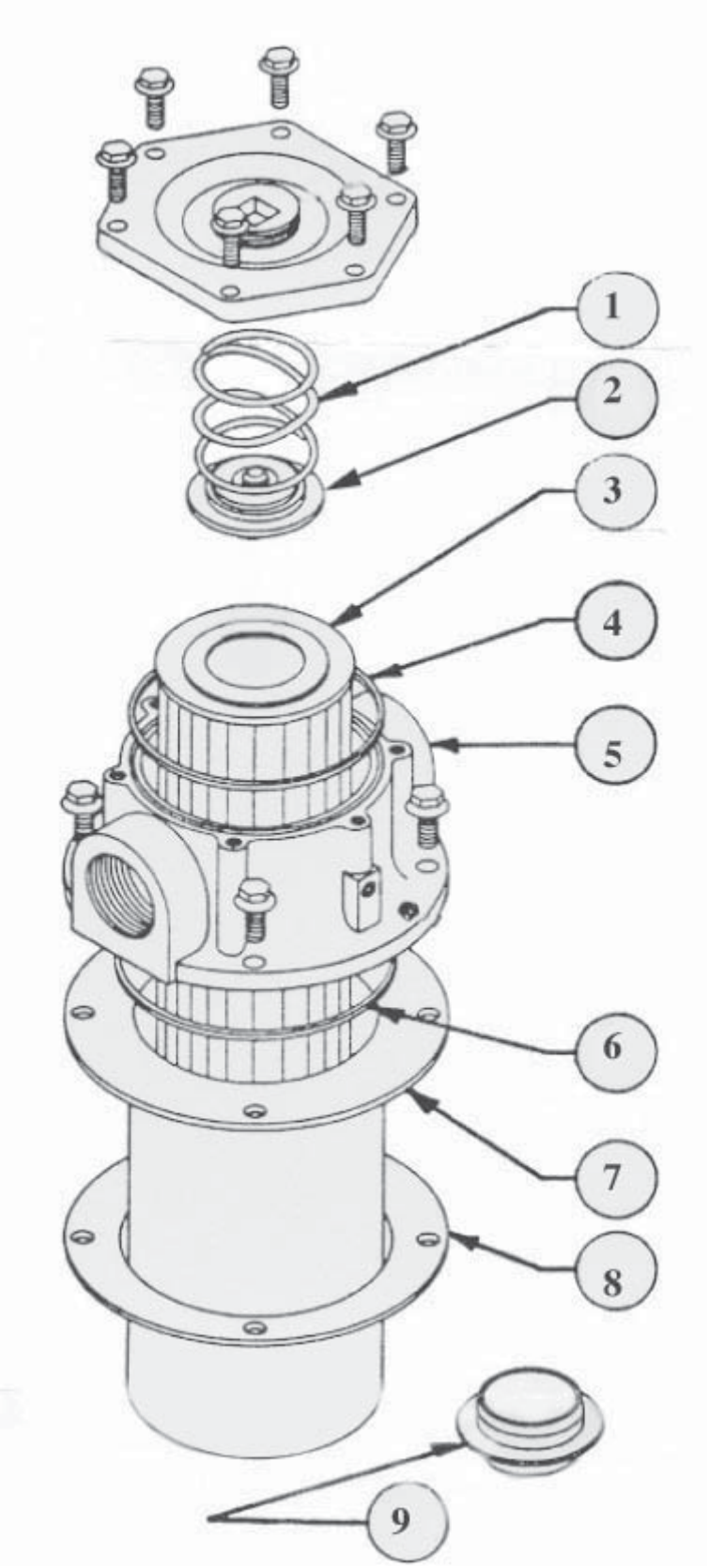
SAUER DANFOSS P/N 715730
(ROADTEC P/N 149224-04)



SAUER DANFOSS P/N 715730
(ROADTEC P/N 149224-04)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	99889-C1	SHAFT LIP SEAL	1
2	149224-04-C1	O-RING	1
3	149224-04-C2	SEAL KIT	1

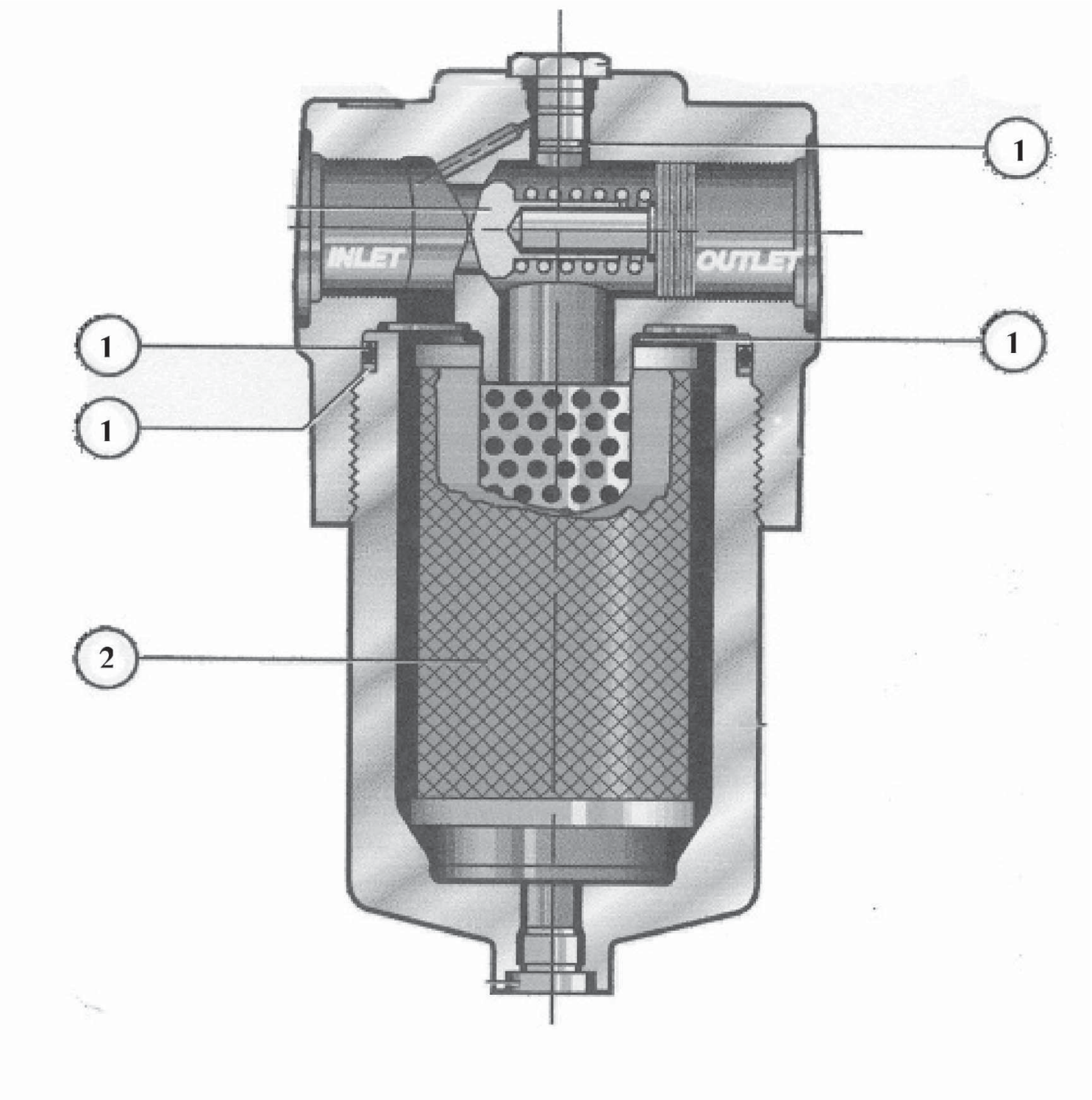
ZINGA FILTER
(ROADTEC P/N 29G38)



ZINGA FILTER
(ROADTEC P/N 29G38)

ITEM. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	29G37C4	ELEMENT HOLD DOWN SPRING	1
2	29G38C1	NO BY-PASS VALVE ASSEMBLY	1
3	29G40	FILTER ELEMENT	2
4	29G37C2	TOP COVER SEAL (BUN A-"N")	1
5	29G37C6	PORT CASTING 1 5/8'-12 & 1 7/8 -12 (SAE 20 & 24) PORTS	1
6	29G37C1	HOUSING FLANGE SEAL 9BUN A-"N")	1
7	29G37C5	SINGLE ELEMENT HOUSING	1
8	29G37C3	VEL MULOID GASKET	1
9	29G37C8	ELEMENT CONNECTOR	1

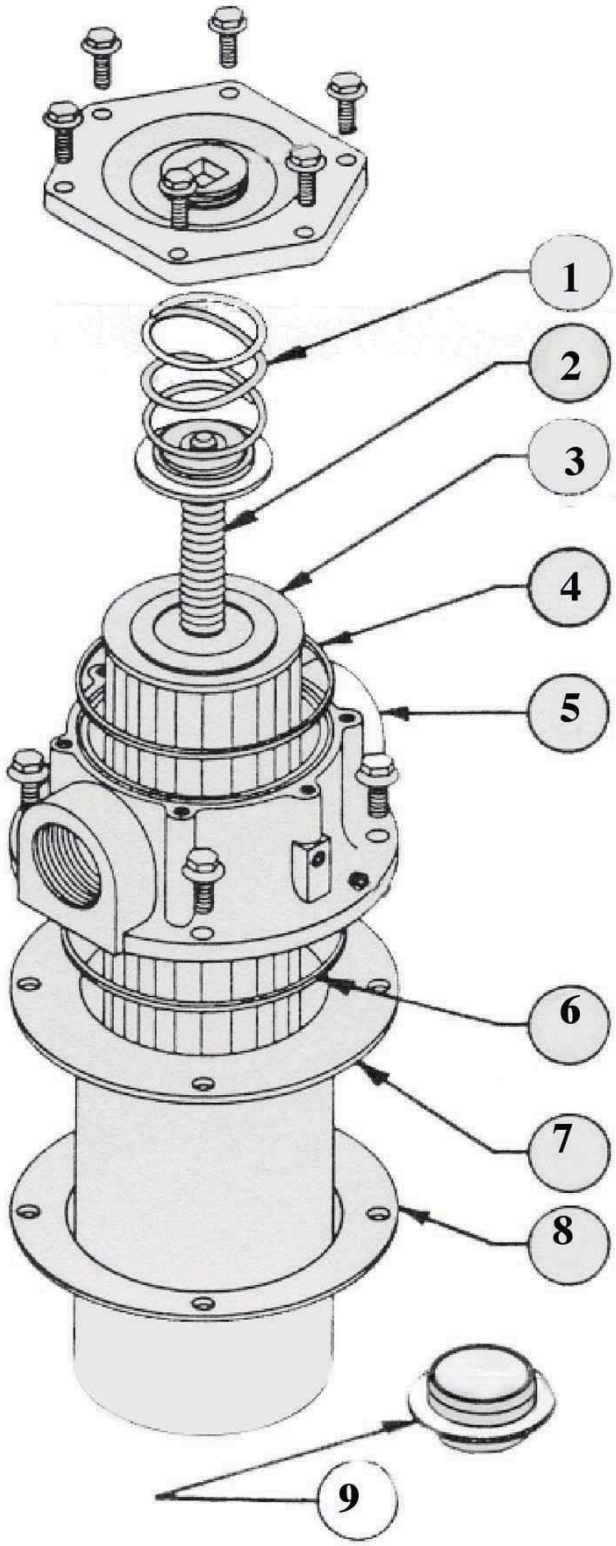
HYDAC FILTER
(ROADTEC P/N 142799)



HYDAC FILTER
(ROADTEC P/N 142799)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	142799-03-C2	SEAL KIT	1
2	142799-03-C1	ELEMENT	1

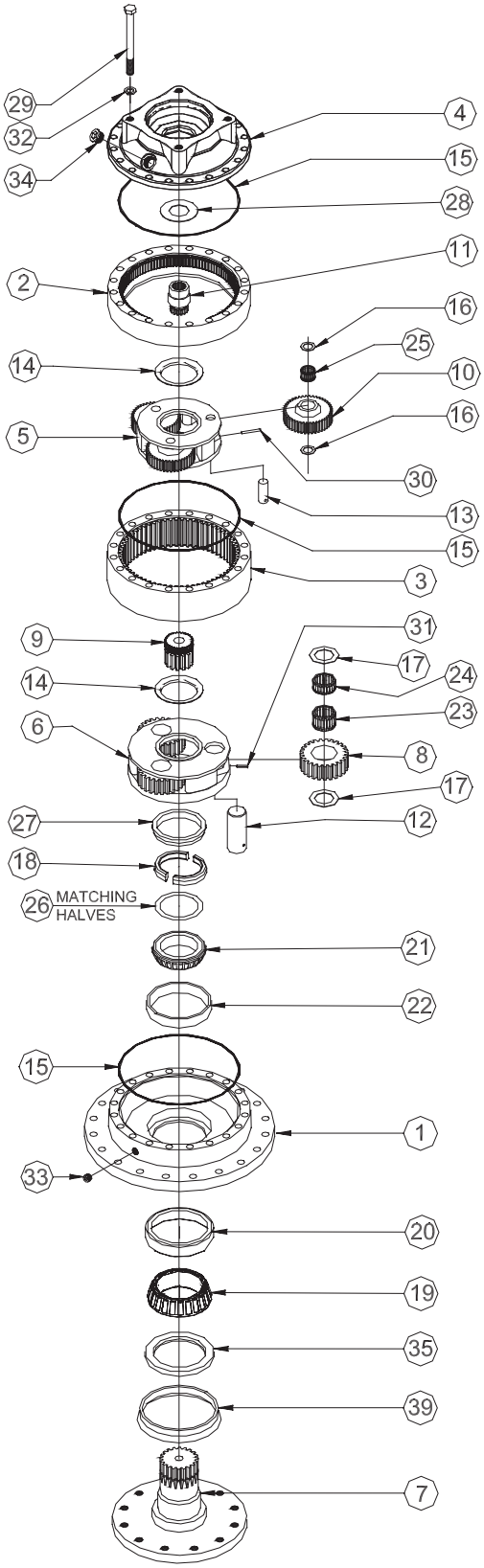
ZINGA FILTER
(ROADTEC P/N 29G37)



ZINGA FILTER
(ROADTEC P/N 29G37)

ITEM	QTY	DESCRIPTION		ROADTEC P/N
1	1	ELEMENT HOLD DOWN SPRING		29G37C4
2	1	15 PSI BY-PASS VALVE ASSEMBLY		29G37C7
3	2	FILTER ELEMENT		137269-04
4	1	TOP COVER SEAL (BUNA-"N")		29G37C2
5	1	PORT CASTING 1 5/8"-12 & 1 7/8-12 (SAE 20 & 24)PORTS		29G37C6
6	1	HOUSING FLANGE SEAL (BUNA-"N")		29G37C1
7	1	SINGLE ELEMENT HOUSING		29G37C5
8	1	VELMULOID GASKET		29G37C3
9	1	ELEMENT CONNECTOR		29G37C8

ESKRIDGE P/N 25-006-5192
(ROADTEC P/N 141780-01)



ESKRIDE P/N 25-006-5192
(ROADTEC P/N 141780-01)

EQUIPPED WITH PATENTED "LOAD-N-LOCK®" SHAFT RETENTION SYSTEM (U.S. PATENT NO. 5746517).

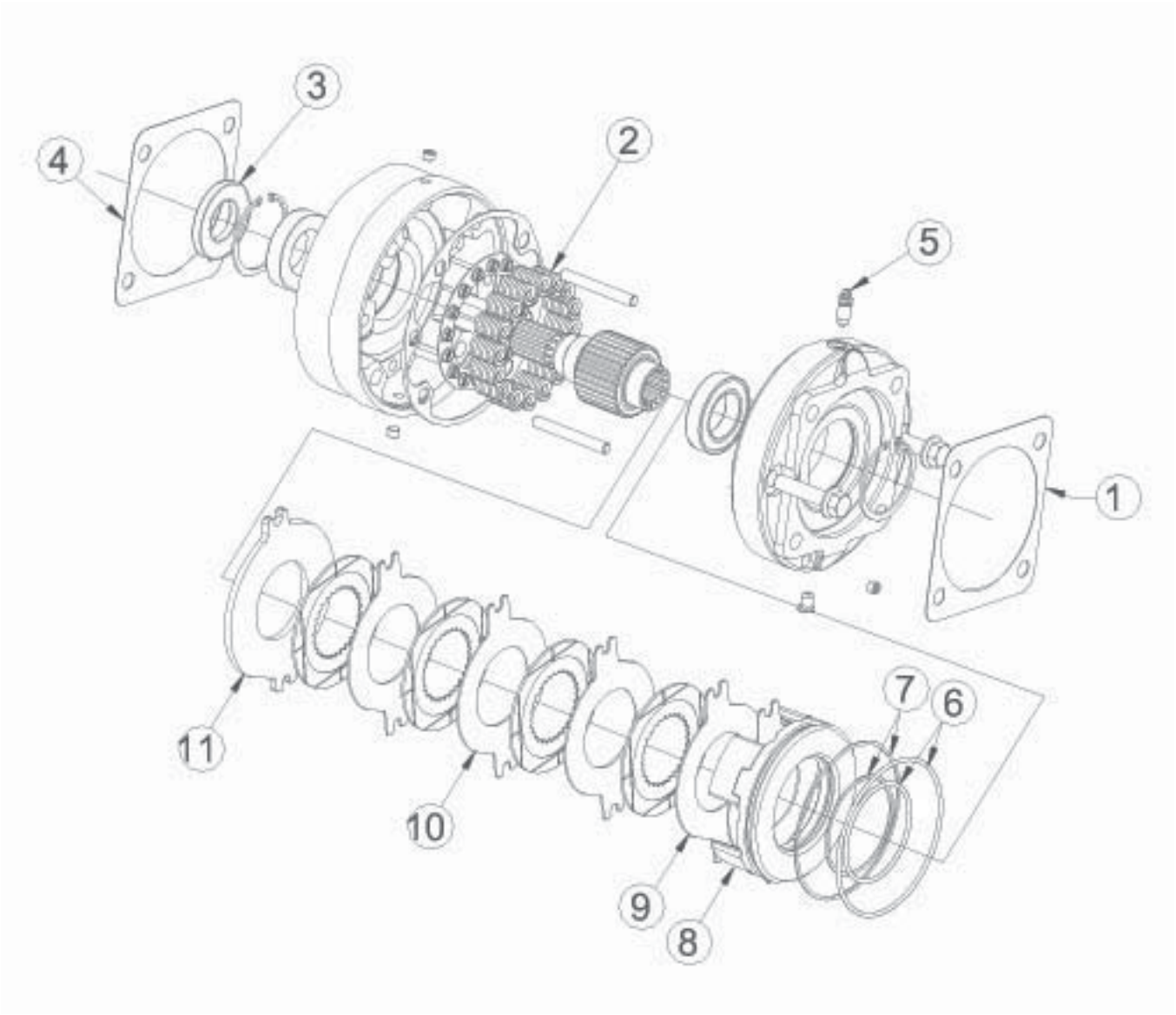
ITEM	QTY	DESCRIPTION	ROADTEC P/N
1	1	BASE	141780-01-C14
2	1	RING GEAR - PRIMARY	141780-01-C15
3	1	RING GEAR - SECONDARY	141780-01-C16
4	1	COVER	141780-01-C17
5	1	CARRIER - PRIMARY	141780-01-C6
6	1	CARRIER - SECONDARY	141780-01-C18
7	1	OUTPUT SHAFT	141780-01-C19
8	3	PLANET GEAR - SECONDARY	141780-01-C20
9	1	SUN GEAR - SECONDARY	141780-01-C21
10	3	PLANET GEAR - PRIMARY	141780-01-C22
11	1	INPUT GEAR	141780-01-C5
12	3	PLANET SHAFT - SECONDARY	141780-01-C13
13	3	PLANET SHAFT - PRIMARY	141780-01-C23
14	2	THRUST WASHER - CARRIER	141780-01-C2
15	3	SEAL (O-RING)	137209-04-C1
16	6	THRUST WASHER - PRIMARY PLANET	137208-04-C15
17	6	THRUST WASHER - SECONDARY PLANET	141780-01-C24
18	1	SPLIT RING-(MATCHING HALVES) LOAD-N-LOCK	141780-01-C31
19	1	BEARING CONE - OUTER	137209-04-C6
20	1	BEARING CUP - OUTER	137209-04-C7
21	1	BEARING CONE - INNER	137209-04-C8
22	1	BEARING CUP - INNER	137209-04-C9
23	3	BEARING - SEC PLANET GEAR	141780-01-C8
24	3	BEARING - SEC PLANET GEAR	141780-01-C9
25	3	BEARING - PRI PLANET GEAR	141780-01-C10
26	*	SHIM - SHAFT ADJUSTMENT	141780-01-C4
27	1	LOCK RING - LOAD-N-LOCK	141780-01-C25
28	1	THRUST RACE (TRD-4052)	141780-01-C1
29	20	HEX HEAD CAPSCREW (5/8-11 X 7) GR 8	141780-01-C26
30	3	ROLL PIN (3/16 X 1)	141780-01-C27
31	3	ROLL PIN (3/16 X 1 1/4)	141780-01-C28
32	20	LOCKWASHER - (5/8)	141780-01-C29
33	1	PIPE PLUG (1/2 NPT MAGNETIC) - BASE	137208-04-C33
34	1	PLUG - COVER	141780-01-C30
35	1	SHAFT SEAL	137209-04-C2
36	-	-	
39	1	SEAL-RUBBER/FACE 120/250 SPINDLE	137209-04-C3

* QUANTITY OF SHIMS DETERMINED BY BEARING PRELOAD.

OPTIONS SEAL KIT P/N 25-016-2031 / 141780-01-C12
INCLUDES 1 EA. OF ITEMS 35 & 39
AND A QTY 3 OF ITEM 15

ROADTEC

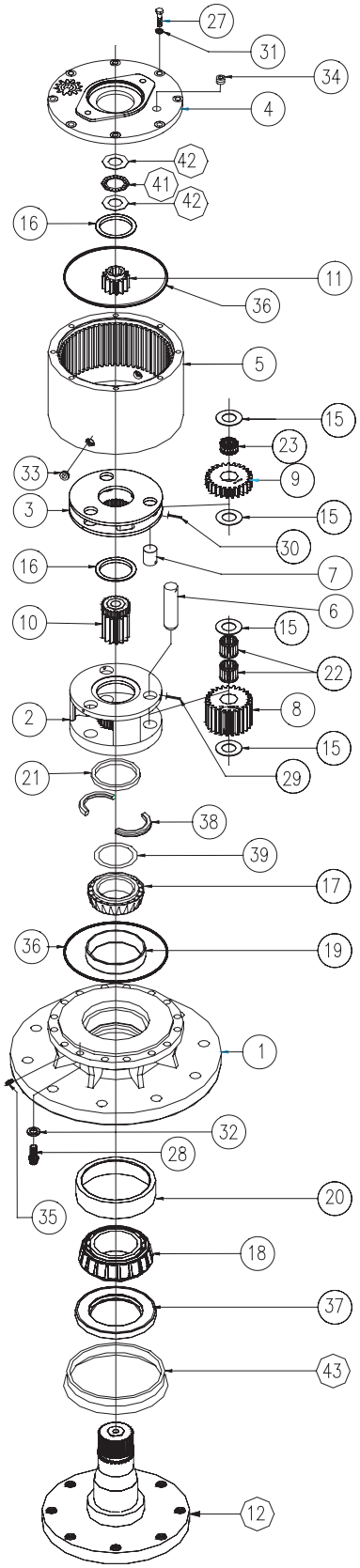
AUSCO P/N 78018
(ROADTEC P/N 142483)



AUSCO P/N 78018
(ROADTEC P/N 142483)

ITEM	ROADTEC PART NO.	DESCRIPTION	QUANTITY
1	130086-C1	NGC GASKET	1
2	27V92-C4	COMPRESSION SPRING	11
3	142483-01-C1	OIL SEAL	1
4	28Y06-C4	GASKET	6
5	130086-C5	BLEEDER SCREW	2
6	142483-01-C2	O-RING	1
7	142483-01-C3	BACK-UP RING	1
8	142483-01-C4	PISTON	1
9	142483-01-C5	STATIONARY DISC	7
10	142483-01-C6	ROTATING DISC	6
11	142483-01-C7	PRIMARY DISC	1

ESKRIDGE P/N 13-006-5352
(ROADTEC P/N 145338)



ESKRIDGE P/N 13-006-5352
(ROADTEC P/N 145338)

ITEM	QTY	EFFECTIVITY FROM: S/N 48032 08-01-00 TO: (CURRENT) DESCRIPTION		ROADTEC PART NO.
1	1	CA132L – CASE FACE SEAL CUSTOM		145338-01-C1
2	1	CARRIER (SEC)		145338-01-C2
3	1	CARRIER (PRI)		145338-01-C3
4	1	SAE 'C' 2 BOLT & 4 BOLT W/ CODE 4		142347-01-C4
5	1	RING GEAR		142347-01-C1
6	3	PLANET SHAFT (SEC)		137208-04-C14
7	3	PLANET SHAFT (PRI)		142347-01-C7
8	3	PLANET GEAR (SEC)		145338-01-C4
9	3	PLANET GEAR (PRI)		145338-01-C5
10	1	SUN GEAR		145338-01-C6
11	1	CODE 4 – INPUT – 14 T 12/24 DP		137208-04-C30
12	1	S1 SHAFT SPINDLE		145338-01-C7
15	12	THRUST WASHER – PLANET		137208-04-C15
16	2	THRUST WASHER – SECONDARY		137208-04-C16
17	1	BEARING CONE		137208-04-C10
18	1	BEARING CONE		145338-01-C8
19	1	BEARING CUP		137208-04-C11
20	1	BEARING CUP		145338-01-C9
21	1	LOCK RING		137208-04-C31
22	6	BEARING – SEC. PLANET		137208-04-C18
23	3	BEARING – PRI. PLANET		145338-01-C10
27	8	HEX HD CAPSCREW		145338-01-C11
28	16	FLANGE 12-PT SCREW		145338-01-C12
29	3	ROLL PIN – SEC. PLANET		137208-04-C21
30	3	ROLL PIN – PRI. PLANET		137208-04-C22
31	8	LOCKWASHER		145338-01-C13
32	16	FLAT WASHER – HARDENED		145338-01-C14
33	2	MAGNETIC PIPE PLUG		137208-04-C33
34	1	MAG. PIPE PLUG 3/8 NPT 3/8 M. D.		137208-04-C34
1	35	1	PIPE PLUG 1/4 NPT (SOC. HD.)		145338-01-C15
36	2	O-RING		137208-04-C3
37	1	SHAFT SEAL – OUTER		145338-01-C16
38	1	SPLIT RING		137208-04-C32
39	*	SHIMS		137208-04-C24
41	1	BEARING (NTA NO. 0223)		137208-04-C25
42	2	THRUST RACE (TRB NO. 2233)		137208-04-C26
43	1	SEAL – RUBBER / FACE		137208-04-C1